

OCTOBER 1959

VOLUME 5 • NUMBER 10

# CONSTRUCTION REVIEW

*Featured in this issue . . .*

## THE POST OFFICE MODERNIZATION PROGRAM

C41.30/3

- Expenditures
- Starts
- Materials
- Awards
- Permits
- Costs
- Employment



U. S. DEPARTMENT OF COMMERCE

Business and Defense Services Administration

DOCUMENTS

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Frederick H. Mueller, Secretary

**Business and Defense Services Administration**  
H. B. McCoy, Administrator

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**U. S. DEPARTMENT OF COMMERCE**  
**FIELD OFFICES**

**ALBUQUERQUE, N. MEX.**  
321 Post Office Bldg.

**ATLANTA 3, GA.**  
66 Luckie St., NW

**BOSTON 9, MASS.**  
U. S. Post Office and  
Courthouse Bldg.

**BUFFALO 3, N. Y.**  
117 Ellicott St.

**CHARLESTON 4, S. C.**  
Area 2, Sergeant Jasper Bldg.

**CHEYENNE, WYO.**  
207 Majestic Bldg.

**CHICAGO 6, ILL.**  
226 W. Jackson Blvd.

**CINCINNATI 2, OHIO**  
36 East 4th Street

**CLEVELAND 1, OHIO**  
E. Sixth St. and Superior Ave.

**DALLAS 1, TEX.**  
3-104 Merchandise Mart.

**DENVER 2, COLO.**  
142 New Custom House

**DETROIT 38, MICH.**  
438 Federal Bldg.

**GREENSBORO, N. C.**  
407 U. S. Post Office Bldg.

**HOUSTON 2, TEX.**  
610 Scanlan Bldg.

**JACKSONVILLE 1, FLA.**  
425 Federal Bldg.

**KANSAS CITY 6, MO.**  
911 Walnut Street

**LOS ANGELES 15, CALIF.**  
1031 S. Broadway

**MEMPHIS 3, TENN.**  
212 Falls Bldg.

**MIAMI 32, FLA.**  
316 U. S. Post Office Bldg.

**MINNEAPOLIS 1, MINN.**  
319 Metropolitan Bldg.

**NEW ORLEANS 12, LA.**  
333 St. Charles Ave.

**NEW YORK 1, N. Y.**  
350 Fifth Ave.

**PHILADELPHIA 7, PA.**  
1015 Chestnut St.

**PHOENIX, ARIZ.**  
137 N. Second Ave.

**PITTSBURGH 22, PA.**  
107 Sixth Street

**PORTLAND 4, OREG.**  
217 Old U. S. Courthouse

**RENO, NEV.**  
1479 Wells Ave.

**RICHMOND 19, VA.**  
309 Parcel Post Bldg.

**ST. LOUIS 1, MO.**  
910 New Federal Bldg.

**SALT LAKE CITY 1, UTAH**  
222 S.W. Temple St.

**SAN FRANCISCO 11, CALIF.**  
555 Battery St.

**SAVANNAH, GA.**  
235 U. S. Courthouse and  
Post Office Bldg.

**SEATTLE 4, WASH.**  
909 First Ave.

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*Inquiries on articles may be addressed to the originating agency. Information on the Statistical Series (Parts A-G) may be obtained from the agency indicated in the source notes to the tables.*

# CONSTRUCTION REVIEW

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Correspondence relating to current or historical data shown in CONSTRUCTION REVIEW should be addressed to the source agencies as referred to in table footnotes.

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## At a Glance

**CONSTRUCTION ACTIVITY IN SEPTEMBER**—News of isolated shortages of steel for construction projects has been reported during the past few weeks. September activity estimates have been delayed pending the completion of a national sample survey of construction contractors.

**HOUSING STARTS IN AUGUST**—The total number of new nonfarm dwelling units started in August 1959 was 129,000, a 4 percent increase over a year ago. Private starts, however, were up almost 9 percent. For the first 8 months of 1959, the total number of new public and private dwelling units started (slightly below 1 million) was one-fourth greater than for the comparable period in 1958.

The seasonally adjusted annual rate for private starts in August was 1,340,000 units, only 10,000 units less than in July. Since October 1958 the seasonally adjusted annual rate has exceeded 1,300,000 in every month, the first time such a high rate has been sustained for 11 consecutive months. The average seasonally adjusted annual rate for the first 8 months of 1959 was 1,379,000 units. Though private housing starts have boomed, publicly owned starts for 1959 were lagging almost 50 percent behind those of 1958. Only about 25,000 units had been started by the end of August.

**FHA-VA ACTIVITY IN AUGUST**—The number of new dwelling units for which loans were requested in FHA applications in August was only 27,800, the smallest volume of any month in 1959. August VA appraisal requests were down almost 20 percent from the preceding month. However, in the case of both FHA and VA, the totals for the first 8 months of 1959 exceeded the 1958 comparable totals by 11 percent.

It should be noted that in the case of FHA the drop in July and August applications from the record high June total may have been due in part to a rush on the part of applicants to be processed under the old FHA standards, which were replaced by new and somewhat more rigorous standards on July 1. The total applications for June through August of this year numbered 132,100, compared to 136,000 for the same 3-month period of 1958.

**NONFARM MORTGAGE RECORDINGS IN JULY**—The increase in July in the number of nonfarm mortgage recordings represented almost a 5 percent gain, about the same as in June. The July value of \$3.1 billion for all recordings was at an all-time high for any month and was the first time that the \$3 billion mark was reached. The increase in the value of recordings for the first 7 months of 1959 over 1958 was 31 percent, reflecting an 18 percent rise in the number of recordings and an 11 percent rise in the average amount per recording.

(2)

**BUILDING PERMIT ACTIVITY IN JULY**—Total permit valuation showed a substantial overall increase in July 1959, when an 11 percent gain was registered over July 1958. The first 7 months of 1959 continued to pace 1958 by 20 percent. Of particular note, is the contrasting trend of private and public types—whereas private valuation was 26 percent above 1958 as of the end of July, the public sector was down one-sixth for the same period. The strongest sector was still residential building, accounting for 80 percent of the increase in valuation which 1959 has shown over 1958. Industrial building, which by the end of 1958 was the weakest area with a 21 percent decline, continued its sharp gains. July 1959 valuation was up 69 percent. The first 7 months' total for this category, however, showed a gain over the like period in 1958 of only 2 percent. This was due mainly to the fact that building permit data for June 1958 reflected the retroactive issuance of a building permit for a \$120 million steel plant actually started early in 1957. Otherwise, the first-7-months increase would have been almost 60 percent.

**PUBLIC CONTRACT AWARDS IN JULY**—For the first time since April 1958 the cumulative picture for construction contracts awarded for State and locally owned highways is running behind a comparable year-ago period. July 1959 awards, 27 percent below those of July 1958, pulled 1959's 7 months' total for highway construction to a point 3 percent below the volume at the end of July 1958.

Otherwise, the overall picture for public contract awards through July is about the same as that of the end of June. A decline of 14 percent reflected about the same dollar decline in awards for Federally owned as for State and locally owned projects. However, there was a greater decline percentage-wise for Federal contract awards which showed a 27 percent decrease, as contrasted with a 9 percent drop in State and local contract awards.

Highways and residential contracts accounted for two-thirds of the \$1.1 billion drop in awards during this year.

**CONSTRUCTION CONTRACTS**—The total value of construction contracts in the 12-month period ending July 1959, as reported by the F. W. Dodge Corporation, was 14 percent above the comparable figure for 1958. A rise of 29 percent for residential building accounted for most of the \$4.5 billion increase. The utilities group showed a decline for the second successive month and contributed to keeping the engineering percentage change to a modest 4 percent. This was in contrast to the 20-30 percent increases prevailing in the earlier months of 1959 for that category.

The value of large engineering contracts for the 12 months ending August 1959 as reported in the



*Engineering News-Record*, was 2 percent above that for the corresponding 1958 period. This was the smallest increase in the series during the current year. Contracts for publicly owned construction showed a slight downtrend on a cumulative basis for the first time in several years.

**CONSTRUCTION COSTS IN JULY**—The Department of Commerce Composite Cost Index in July 1959 remained at the record value of 142 (1947-49=100). This level was 3 percent higher than the index of a year ago and reflected increases in the component indexes for all types of construction.

**CONSTRUCTION MATERIALS PRICES IN AUGUST**—The wholesale price index of construction materials for August was virtually the same as for July. Rather stable price levels were indicated for all commodities included in the index. The over-the-year increase in the index was still 4 percent.

**CONSTRUCTION MATERIALS OUTPUT IN JUNE**—The June 1959 composite materials output index, showing a 6 percent rise over May, reached the highest level ever attained: 159.9 (1947-49=100). The seasonally adjusted figure at 161.1 was also at a record high, exceeding the mark set in April of this year by 3 percent. All materials groups except paint, varnish, and lacquer contributed to the rise.

The most notable increase was in the iron and steel component. This rose from 162.1 in May to 191.2 in June. On a seasonally adjusted basis, this index, at 171.9, was at the highest level for any

month, superseding the record of 163.4 attained in June 1957.

The output index for portland cement continued its record-breaking climb to a level more than twice that of the 1947-49 average.

**HOURS AND EARNINGS IN JULY**—Average weekly earnings of employees in the general and special trades receded somewhat from the record levels achieved in the previous month, due mainly to a slight decrease in average weekly hours which more than offset the small change in average hourly earnings. The largest over-the-year gains in average weekly earnings and average weekly hours were shown for employees of highway and street contractors, who registered increases of 8.1 and 3.6 percent respectively. The greatest gain over July 1958 in average hourly earnings was shown for painting and decorating employees; hourly earnings increased almost 5 percent.

**CONTRACT CONSTRUCTION EMPLOYMENT IN AUGUST**—August 1959 employment for all contract construction rose by 2.7 percent over July. However, compared to August of a year ago, the gain was almost 6 percent. The seasonally adjusted figure for August, 2,832,000, represented the second highest August rate in the last 12 years. Also, it was the highest figure for any month since July 1957. The detailed figure by type of contractor for July 1959 showed the painting and decorating trade again in the lead of month-to-month and year-to-year gains. This trade registered 10 and more than 20 percent increases respectively. All other groups also showed gains between July 1958 and July 1959.

# THE POST OFFICE MODERNIZATION PROGRAM

## A Case Study of How Modernization Creates New Construction Markets

By Aaron Sabghir\*

The modernization program recently announced by the Post Office Department envisions the construction of 14,000 new post office buildings within the next few years. Although this program is important to each of the 4 1/2 million business firms in the United States, who depend on the Post Office Department for vital postal services, it is of special significance to the construction industry. Its significance is not so much in the dollar volume of construction involved, but rather in the demonstration of how modernization generates new construction.

The impetus for the new program is provided by a tremendous workload which cannot be efficiently handled with existing outmoded physical facilities. Last year over 61 billion pieces of mail were delivered in the United States. Included were:

- 32 billion pieces of first class mail.
- 18 billion pieces of advertising matter and circulars.
- 7 billion magazines and newspapers.
- 1 billion pieces of parcel post.

Seventy-five percent of the total mail was directly related to commerce and industry.

The mammoth delivery job is accomplished by the business-like operation of the Postal Service, which has over 36,000 post offices and 8,000 branches, stations, and other facilities located throughout the country. This "business" has an annual payroll of more than \$2.5 billion going to 550,000 employees, making it the second largest agency in the Federal Government. The Department of Defense is first. Yearly postal receipts exceed \$2.5 billion and expenditures are over \$3.4 billion. Cash transactions on a yearly basis, including over 400 million money orders, total more than \$23 billion. The Post Office Department uses over 85,000 vehicles, of which more than 36,000 are Government owned and operated.

It is noteworthy that during the 15 year period from 1938 to 1953 relatively limited funds were allotted for the building and equipping of new post offices. As a result, post office space and equip-

ment did not keep pace with the rapidly increasing volume of mail. Obsolescence was at the point where the problem became not only that of meeting an imminent critical situation with regard to the effective handling of the existing workload, but also of preparing for the expected doubling of the postal workload in the next 20 or 25 years. This increased workload is based on anticipated business and economic growth, more widespread education, growing population, and suburban development, all of which foster a greater use of mail by individuals as well as by businesses and other institutions.

A major consideration in the forthcoming construction program is that despite the 90,000 scattered postal delivery routes, there are intensive geographic concentrations of mail volume. For example:

- 10 percent of all mail is handled by New York City alone.
- 65 percent of the mail in the State of Michigan goes through the Detroit Post Office.
- 60 percent of all Pennsylvania mail goes through Philadelphia or Pittsburgh.
- 50 percent of all mail in Oregon goes through the Portland Post Office.

Many years ago the bottleneck in mail delivery was the time it took to move it across the country. Today, with jet planes able to span the continent in 5 hours, the primary problem is to overcome the slowness inherent in the traditional manual handling of mail within post office buildings designed in a number of cases more than a hundred years ago.

Because commercial space is at a premium in centers of population concentration, and because of the high operating costs now prevailing in our economy, the ability of the Post Office to offer its unique services at low cost to its consumers—both in and out of the business world—depends uniquely on effective space utilization, involving the best use of technological developments. Furthermore, as an important place of assembly for many persons in many places in the United States, a post office should provide pleasant surroundings for the transaction of business, besides being geared to safety, to efficiency, and to continual expansion for better and greater service.

\*Of the Construction Industry Division, Business and Defense Services Administration, U. S. Department of Commerce.

Speed of service is the overriding need. The goal of postal officials is the delivery of mail anywhere in the United States the day after mailing. This speed is required by the modern tempo of business and industry that emphasizes faster deliveries, faster billing, and quick dissemination of information on new products and new ideas.

In this dynamic age of mechanization and specialization, buildings must be designed for versatility. Up to now, a great many of the buildings used by the Post Office have lacked this. Generally, existing Federally-owned buildings are not adaptable to the introduction of technological improvements.

This is the background of need for modernization of our postal plant.

#### THE MODERNIZATION PROGRAM

The new Post Office Program of modernization and mechanization is joining the best talents of industry and government in the field of material handling techniques. Whereas a few short years ago, the Department had only 10 engineers for this type of work, today, over 125 engineers and 150 consultants from the business world are hard at work. Though their efforts are geared to the thorough modernization of our Post Office service, their research and experience will also provide useful basic know-how which can be applied by numerous light industries in the United States that face similar complex problems involving material handling. At the same time post office modernization efforts will profit from engineering advances already achieved by private industry.

Since 1953, over 3,000 new buildings of all sizes have been built for the use of the Post Office Department. Under the new program, the contemplated 14,000 new structures represent a tremendous increase over the recent rate of replacements, new facilities, and additions to existing structures. For example, in 1953 new facilities were leased at the rate of less than one each working day. During 1959 the rate has reached three per day and in 1960 the rate is expected to reach six per day.

The engineering design underlying the new building program is that of the modern mail factory utilizing industrial type equipment and procedures. However, an even more striking aspect is that the new buildings have been and are to be built entirely without Government construction funds. Financing is entirely by private capital, and the Government advertises for bids to lease in advance of construction by the normal competitive bidding process. The cost of the equipment is met, however, by appropriated funds. The terms of the leases provide for occupancy periods ranging from 10 to 30 years. It is estimated that the cost of construction, financed by private capital, will exceed \$1.5 billion, and the cost of equipment, financed by the Government, will be over 1/2 billion dollars.

The working drawings and specifications for the larger projects are prepared by private industry working with Government engineers and architects. Buildings and machinery are planned and constructed as a unit. The buildings are to be mainly of the one-story design, without basements. The absence of columns will allow for flexibility of working space. Although designed for postal work, the spatial arrangements can be easily converted to use for many types of conventional businesses requiring store-type interiors should any building no longer be needed by the Government.

These structures have been planned with the view of achieving low construction costs and economy of maintenance. This results in low rental costs to the Government. As the Post Office Department recently pointed out, the rental cost of the new space is considerably lower than the rentals paid by the Government as a whole.

But equally important is the tremendously increased efficiency which these new type post offices are expected to bring.

#### TYPICAL MODERN POST OFFICES

A few months ago, the Washington, D. C. Post Office, one of the few lending themselves to modernization rather than replacement, was completely remodeled. Among the purposes of this project were to provide mechanization experience and to offer a testing ground for the postal machines of tomorrow. The result offers a glimpse of what the new type post office plant will be like. The building now has 6 miles of various types of conveyors and an extensive electrical system to operate them. There are also 22,400 feet of moving belts, 12,000 mail trays, and 1,000 sorting cases. Some 330 tons of steel structure were added to accommodate the heavy equipment needed to process 5 million pieces of mail a day, which adds up to 2 billion pieces of mail a year.

Shortly after the completion of the Washington, D. C., project, construction started in Providence, Rhode Island, on the world's first new completely mechanized post office. More recently, another multi-million dollar project known as *Project Gateway*, was launched in Oakland, California. The first step on this project was the granting of a research and development contract to a firm experienced in the engineering of material handling systems. This new fully mechanized post office will handle all types of mail clearing through the San Francisco Bay area. In addition to the cities and towns in the 12 counties immediately adjacent to the proposed "Gateway" Post Office, mails for the South Pacific Islands, India, Australia, Hawaii, and for the armed forces serving the Pacific area will be expedited through this giant operation.



*Project Gateway* is being designed with an eye to the future expansion which will be required because of the anticipated sharp population increases in the area to be served by the office. The present 3.6 million population in that area should be almost 4.8 million in 1970, an almost one-third rise. In view of the typical pattern that mail use rises faster than population growth, the 2 million first class mail pieces a day handled by present facilities will grow to 4 million a day in 1970, and about 5 1/4 million a day by 1980. The Oakland plant, which will consolidate a number of present facilities, will be able to handle this staggering load as well as the corresponding increased loads of parcel post.

Among the features included in these "post offices of tomorrow" are: air-conditioning equipment; extensive fluorescent lighting; and an assortment of machines, such as culling machines, letter sorting machines, cancelling machines, parcel post sorting machines, tying machines, label printing machines, small coin change machines, as well as stamp and post card dispensing machines. There are also lift trucks, roller power conveyors, monorails, electronic control equipment for "nerve center" and control towers. Escalators where needed and open "bank type" counters will also be prominently featured. Undoubtedly, many diverse industries, in addition to the construction industry, will participate in the fulfillment of the program.

Present day technical developments, however, go beyond the planning for the next few years. Thus, research for complete mechanization has already produced an electronic address reading machine which is capable of reading printed and typed material with about 75 percent accuracy. Other new product development in the electronic industries could conceivably soon produce an automated post office plant which would even out-date *Project Turnkey*, the term coined to refer to the new Providence office which, when open in 1960, will be the world's finest postal showpiece.

Obviously, major efforts are first being directed to mechanize fully the offices most important from the standpoint of the volume of mail handled. Thus, scheduled for early completion are new facilities for Denver, Colo.; Flint, Mich.; Detroit, Mich.; and Providence. Other places which are high on the priority list are: Philadelphia, Pa.; Portland, Ore.; Houston, Tex.; Cincinnati, Ohio; Oakland, Calif.; Harrisburg, Pa.; and Boston, Mass.

To assure the smoothest operations in obtaining the 14,000 new post offices in the next few years, the Post Office Department has provided for regional decentralization. This will make it possible for its 15 regional offices to handle the detailed planning and negotiations with contractors and equipment suppliers for all but the very largest projects. Builders experienced in different types of construction, e.g., residential, commercial, in-

dustrial, are able to apply their know-how to this program. Furthermore, because of the wide geographic dispersion involved, there are considerable opportunities for smaller contractors in the immediate localities of the new post office sites to participate successfully in the program.

The Government provides as much assistance as possible throughout the entire process of planning, building and construction. The engineering staff of the Post Office Department is available for checking architectural plans and giving such technical advice as may be required to assure the successful completion of a project. The entire operation is a partnership enterprise of Government and business. Private capital provides the investment required to fulfill a definite need, and the Government is enabled to provide the taxpayer with more efficient and economical service. The advantages of this type of partnership for the construction of other types of buildings related to other public enterprises, Federal, State, and local, remain to be explored. The success of the Post Office Program in the next few years may, therefore, have far-reaching implications, which go beyond the improvement of postal service in the United States.

#### EFFECT OF THE PROGRAM

The modernization program will mean no loss of jobs within the Post Office Department. Rather, there will be opportunities for greater utilization of skills, and the elimination of the traditional drudgery associated with so much of the postal work of the past.

The new program will not add to inflationary pressures in the economy since its gradual pace requires that the financing of construction be spread out over a number of years.

Unique opportunities for the small construction contractor will be provided. Though a good number of multi-million dollar structures will be built, the value of the bulk of the 14,000 new post office buildings will not exceed \$150,000, exclusive of land. The fact that the regional offices of the Post Office will be offering technical assistance and advice throughout the periods of planning, bidding, and construction should encourage the smaller builders who typically do not have experience in dealing with construction sponsored by Government agencies. It should also be noted that although highly specialized equipment will be installed in these buildings, considerable amounts of conventional type of furniture and equipment will be installed, offering sales opportunities for small businesses throughout the country. Because the projects are to be privately owned, they will provide an additional outlet for local investment funds.

In addition to generating on-site construction employment of all skills and trades, the new



program will require substantial quantities of diverse materials and products such as: steel, copper, glass, lumber, brick, aluminum, cement, plumbing fixtures, paints, hardware, millwork, heating and air-conditioning equipment, lighting fixtures, and other accessories.

Not to be overlooked are the exemplary effects of the new Post Office Program in stimulating demand by other businesses for new construction, renovation, furniture, and equipment. Many of the new or remodeled post offices are located in the heart of commercial districts of cities and towns.

It has been noted that business establishments in the vicinity of a modernized postal plant tend to be encouraged to bring their own premises up to the higher standards set by the Post Office Department.

Finally, an important impact of the program will be the creation of incentive for major technical research efforts in the many industries which will be called upon to participate in the designing and engineering of the buildings and of the unusual equipment, which will characterize the "post office of tomorrow."

For more information about the program outlined in the article above, inquiry may be made to the Regional Operations Director of the regional offices of the Post Office Department listed below, or to the Assistant Postmaster General, Bureau of Facilities, Post Office Department, Washington 25, D. C. States assigned to the various regions are shown in parentheses.

#### REGIONAL OFFICES

W. L. Crawford  
Federal Annex Building  
Atlanta 3, Georgia  
Murray 8-3517, Ext. 169  
(Fla., Ga., N. C., S. C.,  
Puerto Rico, and Virgin Is.)

J. B. DeMott  
P. O. and Ctho Building  
Boston 9, Massachusetts  
Hancock 6-2764  
(Maine, N. H., Vt., Mass.,  
Conn., and R. I.)

R. R. Justus  
Main Post Office Building  
Chicago 100, Illinois  
Wabash 2-9200, Ext. 701  
(Ill., and Mich.)

H. C. Rumble  
P. O. Box 1999  
Cincinnati 1, Ohio  
Dunbar 1-2200, Ext. 545  
(Ind., Ky., and Ohio)

G. A. Gray  
Box 3 Main Post Office Building  
Dallas 21, Texas  
Riverside 8-5611, Ext. 451  
(Tex., and La.)

W. D. Brewer  
New Custom House Building  
Denver, Colorado  
Keystone 4-4151, Ext. 605  
(Ariz., Colo., N. Mex., Utah,  
and Wyo.)

G. C. Harris  
Post Office Building  
Memphis 1, Tennessee  
Jackson 5-8831, Ext. 301  
(Ala., Miss., and Tenn.)

C. E. Knudson  
512 Nicollet Ave.  
Minneapolis 2, Minnesota  
Federal 9-2533, Ext. 300  
(Minn., N. Dak., S. Dak.,  
and Wis.)

H. Coonen  
Main Post Office Building  
New York 1, New York  
Pennsylvania 6-7788  
(New York)

LeRoy V. Greene  
Box 8687 Main Post Office  
Philadelphia 1, Pennsylvania  
Evergreen 2-5200, Ext. 301  
(Pa., N. J., and Del.)

S. G. Schwartz  
Box 3703 Main Post Office  
Portland 8, Oregon  
Capitol 6-3361, Ext. 312  
(Idaho, Mont., Oreg., Wash.,  
and Alaska)

J. B. Tunny  
Cotton Belt Building  
St. Louis 2, Missouri  
Main 1-8100, Ext. 474  
(Ark., Iowa, and Mo.)

V. Scoggins  
Flood Building—870 Market St.  
San Francisco 2, California  
Yukon 6-3111, Ext. 2126  
(Calif., Nev., Hawaii, and all  
Pacific Possessions)

F. E. Barr  
Post Office Building  
Wichita 25, Kansas  
Amherst 7-0211, Ext. 318  
(Kans., Nebr., and Okla.)

M. R. Clarke  
City Post Office Building  
Washington, D. C.  
Sterling 3-3100, Ext. 8008  
(D. C., Md., Va., and W. Va.)

## Survey of Metal Doors, Frames, and Trim

The tables below relate to 1958 shipments of metal doors, frames, and trim, and the receipts of carbon steel for their manufacture. These data are the results of a recent survey in which 108 manufacturers, with 110 plants, in all regions of the

United States were identified as producers of these items. The survey was conducted by the Building Materials Division of the Business and Defense Services Administration.

Table 1.—Value of Shipments of and Number of Plants Producing Metal Doors, Frames, and Trim, by Major Geographic Divisions and States, 1958

| Major geographic divisions and States <sup>1</sup> | Number of plants | Value of shipments (\$'000) |
|--|------------------|-----------------------------|
| Total, United States.....                          | 110              | 112,500                     |
| New England.....                                   | 6                | 2,271                       |
| Connecticut and Massachusetts.....                 | 6                | 2,271                       |
| Middle Atlantic.....                               | 40               | 53,218                      |
| New York and New Jersey.....                       | 33               | 39,562                      |
| Pennsylvania.....                                  | 7                | 13,656                      |
| East North Central.....                            | 30               | 33,402                      |
| Illinois, Indiana, and Wisconsin.....              | 16               | 6,809                       |
| Michigan.....                                      | 8                | 14,756                      |
| Ohio.....  | 6                | 11,837                      |
| West North Central.....                            | 10               | 5,684                       |
| Iowa, Minnesota, and Missouri.....                 | 10               | 5,684                       |
| South Atlantic and East South Central...           | 6                | 3,564                       |
| Florida and Tennessee.....                         | 6                | 3,564                       |
| West South Central and Mountain.....               | 5                | 2,763                       |
| Arkansas, Colorado, Louisiana, and Texas.....      | 5                | 2,763                       |
| Pacific.....                                       | 13               | 11,598                      |
| California, Oregon, and Washington...              | 13               | 11,598                      |

<sup>1</sup> States in which there are no plants are not listed.

Table 2.—Number of Plants Manufacturing Steel or Aluminum Doors, by Specific Door Type

| Door type   | Number of plants manufacturing doors of— |          |
|---|--|----------|
|   | Steel                                    | Aluminum |
| Underwriters labeled metal fire doors:  |  |          |
| Residential, commercial, industrial, and institutional (stock and custom doors, except engineered doors)..... | 41                                       | 6        |
| Industrial doors, engineered.....   | 36                                       | 3        |
| Metal (tin) clad fire doors.....  | 35                                       | .....    |
| Nonlabeled metal doors:   |  |          |
| Residential, all 1 3/8", 1 3/4" stock, and custom.....  | 35                                       | 10       |
| Commercial, industrial, and institutional (stock and custom doors, except engineered doors).....              | 54                                       | 24       |
| Garage doors, overhead doors, rolling doors, and grilles:   |  |          |
| Garage doors, residential types and sizes only.....   | 7  | 3        |
| Garage doors, commercial and industrial, standard or modified.....  | 11                                       | 4        |
| All other (overhead and rolling doors, engineered, over 10' w. x 12' h.).....                                 | 15                                       | 7        |
| Metal door frames and trim:   |  |          |
| Underwriters labeled.....   | 45                                       | 2        |
| All other.....  | 62                                       | 2        |

Table 3.—Carbon Steel Receipts for Manufacture of Metal Doors, Frames, and Trim, by Size Group, 1958

| Size group (tons) | Number of plants | Carbon steel (tons) |
|-------------------|------------------|---------------------|
| Total.....        | 91               | 128,863             |
| 5,001-15,000..... | 7                | 59,147              |
| 2,001-5,000.....  | 13               | 40,605              |
| 1,001-2,000.....  | 12               | 16,407              |
| 501-1,000.....    | 10               | 6,986               |
| 301-500.....      | 8                | 3,065               |
| 101-300.....      | 10               | 1,574               |
| 26-100.....       | 17               | 916                 |
| 1-25.....         | 14               | 163                 |

<sup>1</sup> Of the 110 reporting plants, 19 do not use carbon steel.

# STATISTICAL SERIES

## Part A—Construction Put in Place

NOTE: The monthly estimates in Part A, with few exceptions, are not based on direct measurements. They are derived primarily by applying standard progress patterns (which reflect assumed normal seasonal movements) to the value of contracts awarded prior to the current month. Except when special surveys are made, the estimates do not reflect the effects of the varying number of working days in different months, nor of special conditions influencing the volume of activity in any given month, such as unusual weather, materials shortages, overtime, work stoppage, and delays.

Data for the value of new construction put in place during September were not available in time for publication in this issue because the Bureau of the Census was undertaking a special survey occasioned by the work stoppage in the steel industry. It is expected that these estimates will be available in time for publication in the November issue of CONSTRUCTION REVIEW.

Table A-1: New Construction Put in Place: Current Month, by Type of Construction

| Type of construction                  | Value (in millions of dollars) |        |       |                |        | Percent change first 8 months 1958-59 |
|---------------------------------------|--------------------------------|--------|-------|----------------|--------|---------------------------------------|
|                                       | 1959                           |        |       | First 8 months |        |                                       |
|                                       | September                      | August | July  | 1959           | 1958   |                                       |
| TOTAL NEW CONSTRUCTION .....          |                                | 5,284  | 5,212 | 35,654         | 30,933 | + 15                                  |
| PRIVATE CONSTRUCTION .....            |                                | 3,592  | 3,586 | 24,844         | 21,417 | + 16                                  |
| Residential buildings (nonfarm) ..... | See                            | 2,081  | 2,103 | 14,440         | 11,046 | +31                                   |
| New dwelling units .....              |                                | 1,575  | 1,595 | 11,063         | 8,159  | +36                                   |
| Additions and alterations .....       | note                           | 435    | 440   | 2,885          | 2,481  | +16                                   |
| Nonhousekeeping .....                 |                                | 71     | 68    | 492            | 406    | +21                                   |
| Nonresidential buildings .....        | above                          | 811    | 801   | 5,604          | 5,726  | - 2                                   |
| Industrial .....                      |                                | 175    | 167   | 1,286          | 1,710  | - 25                                  |
| Commercial .....                      |                                | 369    | 379   | 2,519          | 2,308  | + 9                                   |
| Office buildings and warehouses ..    |                                | 178    | 172   | 1,285          | 1,336  | - 4                                   |
| Stores, restaurants, and garages...   |                                | 191    | 207   | 1,234          | 972    | +27                                   |
| Other nonresidential buildings .....  |                                | 267    | 255   | 1,799          | 1,708  | + 5                                   |
| Religious .....                       |                                | 89     | 85    | 601            | 543    | +11                                   |
| Educational .....                     |                                | 46     | 44    | 349            | 362    | - 4                                   |
| Hospital and institutional .....      |                                | 50     | 49    | 374            | 405    | - 8                                   |
| Social and recreational .....         |                                | 55     | 54    | 339            | 256    | +32                                   |
| Miscellaneous .....                   |                                | 27     | 23    | 136            | 142    | - 4                                   |
| Farm construction .....               |                                | 189    | 185   | 1,189          | 1,069  | +11                                   |
| Public utilities .....                |                                | 492    | 478   | 3,489          | 3,435  | + 1                                   |
| Railroad .....                        |                                | 29     | 24    | 190            | 187    | + 2                                   |
| Telephone and telegraph .....         |                                | 88     | 85    | 614            | 611    | ( <sup>1</sup> )                      |
| Other public utilities .....          |                                | 375    | 369   | 2,685          | 2,657  | + 1                                   |
| All other private .....               |                                | 19     | 19    | 122            | 121    | + 1                                   |
| PUBLIC CONSTRUCTION .....             |                                | 1,692  | 1,626 | 10,810         | 9,516  | + 14                                  |
| Residential buildings .....           |                                | 71     | 77    | 710            | 507    | + 40                                  |
| Nonresidential buildings .....        |                                | 405    | 408   | 3,043          | 3,044  | ( <sup>1</sup> )                      |
| Industrial .....                      |                                | 29     | 31    | 238            | 270    | -12                                   |
| Educational .....                     |                                | 239    | 245   | 1,820          | 1,903  | - 4                                   |
| Hospital and institutional .....      |                                | 40     | 38    | 289            | 248    | +17                                   |
| Administrative and service .....      |                                | 53     | 51    | 390            | 329    | +19                                   |
| Other nonresidential buildings .....  |                                | 44     | 43    | 306            | 294    | + 4                                   |
| Military facilities .....             |                                | 150    | 159   | 1,008          | 799    | +26                                   |
| Highways .....                        |                                | 730    | 660   | 3,840          | 3,235  | +19                                   |
| Sewer and water systems .....         |                                | 143    | 135   | 954            | 908    | + 5                                   |
| Sewer .....                           |                                | 89     | 84    | 590            | 540    | + 9                                   |
| Water .....                           |                                | 54     | 51    | 364            | 368    | - 1                                   |
| Public service enterprises .....      |                                | 67     | 63    | 357            | 288    | +24                                   |
| Conservation and development .....    |                                | 105    | 104   | 745            | 647    | +15                                   |
| All other public .....                |                                | 21     | 20    | 153            | 88     | + 74                                  |

Source: Department of Commerce, Bureau of the Census.

<sup>1</sup>Change of less than one-half of 1 percent.

Table A-2: New Construction Put in Place: Recent Monthly Trend, by Type of Construction

(Value, in millions of dollars)

| Type of construction               | 1958  |       |       |       |       |       |       | 1959  |       |       |       |       |       |
|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                    | June  | July  | Aug.  | Sep.  | Oct.  | Nov.  | Dec.  | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  |
| TOTAL NEW CONSTRUCTION.            | 4,343 | 4,526 | 4,666 | 4,745 | 4,760 | 4,532 | 4,139 | 3,722 | 3,471 | 3,854 | 4,289 | 4,711 | 5,111 |
| PRIVATE CONSTRUCTION .....         | 2,934 | 3,054 | 3,126 | 3,157 | 3,176 | 3,142 | 2,941 | 2,620 | 2,498 | 2,735 | 3,015 | 3,292 | 3,506 |
| Residential bldgs. (nonfarm) ..... | 1,558 | 1,648 | 1,710 | 1,746 | 1,788 | 1,788 | 1,679 | 1,471 | 1,374 | 1,562 | 1,799 | 1,972 | 2,078 |
| New dwelling units .....           | 1,123 | 1,207 | 1,276 | 1,327 | 1,362 | 1,375 | 1,329 | 1,170 | 1,080 | 1,230 | 1,370 | 1,473 | 1,570 |
| Additions and alterations ..       | 382   | 388   | 382   | 366   | 370   | 354   | 291   | 243   | 238   | 276   | 372   | 438   | 443   |
| Nonhousekeeping .....              | 53    | 53    | 52    | 53    | 56    | 59    | 59    | 58    | 56    | 56    | 57    | 61    | 65    |
| Nonresidential buildings.....      | 732   | 748   | 738   | 736   | 743   | 754   | 716   | 655   | 636   | 625   | 627   | 687   | 762   |
| Industrial.....                    | 187   | 178   | 171   | 167   | 167   | 170   | 168   | 165   | 160   | 154   | 150   | 154   | 161   |
| Commercial.....                    | 318   | 329   | 319   | 318   | 322   | 331   | 310   | 273   | 268   | 270   | 276   | 320   | 364   |
| Office buildings                   |       |       |       |       |       |       |       |       |       |       |       |       |       |
| and warehouses .....               | 171   | 172   | 172   | 170   | 168   | 171   | 168   | 158   | 154   | 149   | 150   | 159   | 165   |
| Stores, restaurants,               |       |       |       |       |       |       |       |       |       |       |       |       |       |
| and garages.....                   | 147   | 157   | 147   | 148   | 154   | 160   | 142   | 115   | 114   | 121   | 126   | 161   | 199   |
| Other nonresidential bldgs.        | 227   | 241   | 248   | 251   | 254   | 253   | 238   | 217   | 208   | 201   | 201   | 213   | 237   |
| Religious.....                     | 70    | 75    | 79    | 80    | 81    | 81    | 78    | 73    | 70    | 67    | 67    | 71    | 79    |
| Educational.....                   | 47    | 50    | 53    | 54    | 54    | 53    | 51    | 48    | 45    | 42    | 41    | 41    | 42    |
| Hospital & institutional           | 51    | 51    | 52    | 51    | 49    | 48    | 47    | 46    | 45    | 45    | 45    | 46    | 48    |
| Social and recreational..          | 37    | 41    | 42    | 43    | 44    | 42    | 39    | 35    | 34    | 34    | 36    | 41    | 50    |
| Miscellaneous.....                 | 22    | 24    | 22    | 23    | 26    | 29    | 23    | 15    | 14    | 13    | 12    | 14    | 18    |
| Farm construction.....             | 156   | 165   | 170   | 157   | 131   | 112   | 98    | 109   | 112   | 124   | 137   | 158   | 175   |
| Public utilities.....              | 469   | 473   | 491   | 500   | 497   | 471   | 432   | 371   | 364   | 411   | 439   | 460   | 474   |
| Railroad.....                      | 25    | 19    | 25    | 27    | 22    | 21    | 19    | 15    | 15    | 21    | 28    | 29    | 29    |
| Telephone and telegraph ....       | 78    | 75    | 70    | 75    | 77    | 72    | 69    | 60    | 64    | 75    | 78    | 81    | 83    |
| Other public utilities.....        | 366   | 379   | 396   | 398   | 398   | 378   | 344   | 296   | 285   | 315   | 333   | 350   | 362   |
| All other private.....             | 19    | 20    | 17    | 18    | 17    | 17    | 16    | 14    | 12    | 13    | 13    | 15    | 17    |
| PUBLIC CONSTRUCTION .....          | 1,409 | 1,472 | 1,540 | 1,588 | 1,584 | 1,390 | 1,198 | 1,102 | 973   | 1,119 | 1,274 | 1,419 | 1,605 |
| Residential buildings.....         | 66    | 70    | 71    | 79    | 83    | 86    | 91    | 94    | 97    | 96    | 95    | 92    | 88    |
| Nonresidential buildings.....      | 411   | 423   | 430   | 427   | 429   | 386   | 367   | 359   | 326   | 367   | 385   | 386   | 407   |
| Industrial.....                    | 36    | 36    | 37    | 32    | 36    | 36    | 34    | 29    | 28    | 29    | 30    | 30    | 32    |
| Educational.....                   | 257   | 262   | 259   | 259   | 259   | 229   | 225   | 223   | 197   | 218   | 229   | 227   | 242   |
| Hospital and institutional..       | 32    | 35    | 36    | 36    | 37    | 36    | 33    | 30    | 29    | 37    | 38    | 38    | 39    |
| Administrative & service ...       | 46    | 49    | 55    | 58    | 55    | 48    | 42    | 44    | 42    | 47    | 50    | 51    | 52    |
| Other nonresidential bldgs.        | 40    | 41    | 43    | 42    | 42    | 37    | 33    | 33    | 30    | 36    | 38    | 40    | 42    |
| Military facilities.....           | 126   | 125   | 129   | 155   | 164   | 166   | 118   | 107   | 91    | 100   | 112   | 137   | 152   |
| Highways.....                      | 536   | 572   | 611   | 627   | 620   | 494   | 388   | 320   | 260   | 320   | 415   | 505   | 630   |
| Sewer and water systems.....       | 123   | 128   | 133   | 130   | 124   | 117   | 108   | 105   | 96    | 110   | 116   | 122   | 127   |
| Sewer.....                         | 73    | 77    | 81    | 80    | 76    | 72    | 68    | 66    | 60    | 68    | 71    | 74    | 78    |
| Water.....                         | 50    | 51    | 52    | 50    | 48    | 45    | 40    | 39    | 36    | 42    | 45    | 48    | 59    |
| Public service enterprises .....   | 41    | 47    | 52    | 52    | 45    | 36    | 30    | 28    | 25    | 31    | 39    | 50    | 54    |
| Conservation & development..       | 94    | 94    | 99    | 101   | 102   | 89    | 80    | 73    | 63    | 78    | 91    | 105   | 126   |
| All other public.....              | 12    | 13    | 15    | 17    | 17    | 16    | 16    | 16    | 15    | 17    | 21    | 22    | 21    |

Source: Department of Commerce, Bureau of the Census.

## COMPOSITION OF REGIONS AND GEOGRAPHIC DIVISIONS

## NORTHEAST

1. New England
  - Connecticut
  - Maine
  - Massachusetts
  - New Hampshire
  - Rhode Island
  - Vermont
2. Middle Atlantic
  - New Jersey
  - New York
  - Pennsylvania

## NORTH CENTRAL

3. E. N. Central
  - Illinois
  - Indiana
  - Michigan
  - Ohio
  - Wisconsin
4. W. N. Central
  - Iowa
  - Kansas
  - Minnesota
  - Missouri
  - Nebraska
  - North Dakota
  - South Dakota

## SOUTH

5. S. Atlantic
  - Delaware
  - Dist. of Col.
  - Florida
  - Georgia
  - Maryland
  - N. Carolina
  - S. Carolina
  - Virginia
  - W. Virginia
6. E. S. Central
  - Alabama
  - Kentucky
  - Mississippi
  - Tennessee
7. W. S. Central
  - Arkansas
  - Louisiana
  - Oklahoma
  - Texas

## WEST

8. Mountain
  - Arizona
  - Colorado
  - Idaho
  - Montana
  - Nevada
  - New Mexico
  - Utah
  - Wyoming
9. Pacific
  - California
  - Oregon
  - Washington

## NONFARM POPULATION DISTRIBUTION IN 1950

NORTHEAST—29.5 percent.

NORTH CENTRAL—29.0 percent.

SOUTH—27.7 percent.

WEST—13.8 percent.



Chart 1.

## New Construction Put in Place

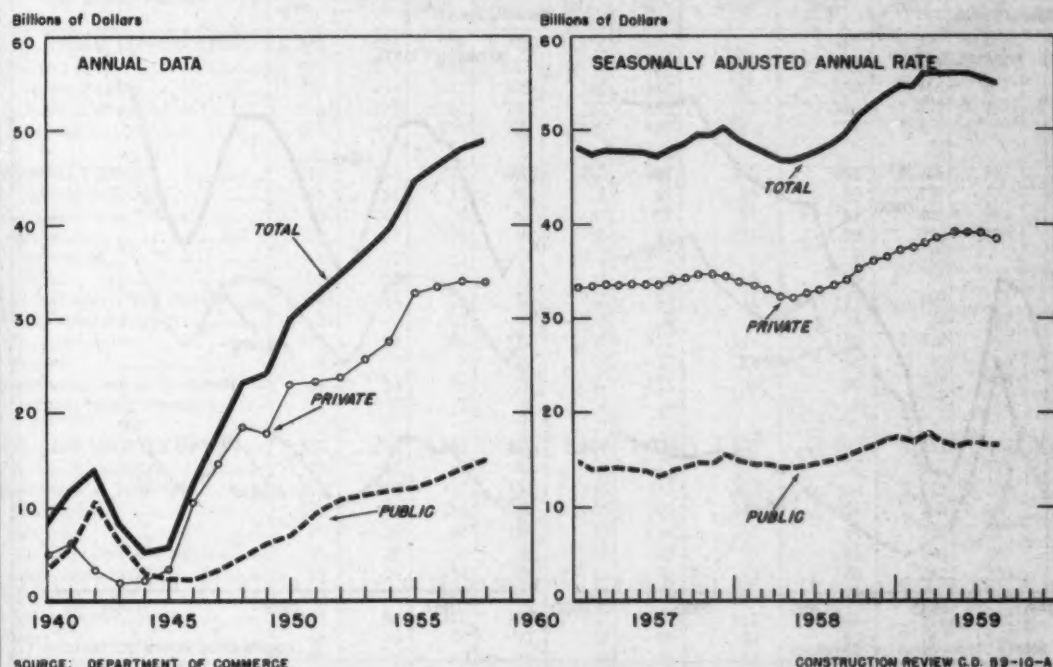


Table A-3: New Construction Put in Place: Seasonally Adjusted Annual Rate, by Type of Construction

(Value, in millions of dollars)

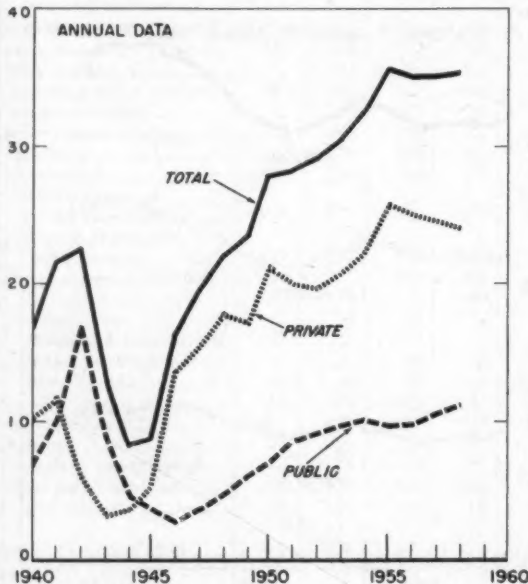
| Type of construction                   | Seasonally adjusted annual rate |        |        |        |        |        |        |        | Annual total |        |
|--|---------------------------------|--------|--------|--------|--------|--------|--------|--------|--------------|--------|
|  | 1959                            |        |        |        |        |        |        |        | 1957         | 1958   |
|  | Jan.                            | Feb.   | Mar.   | Apr.   | May    | June   | July   | Aug.   |              |        |
| <b>TOTAL NEW CONSTRUCTION</b> .....    | 54,684                          | 54,312 | 56,028 | 56,040 | 56,040 | 55,944 | 55,500 | 54,852 | 47,795       | 49,189 |
| <b>PRIVATE CONSTRUCTION</b> .....      | 37,356                          | 37,524 | 38,172 | 39,108 | 39,600 | 39,240 | 38,964 | 38,436 | 33,778       | 33,833 |
| Residential buildings (nonfarm) .....  | 21,516                          | 21,755 | 22,404 | 23,424 | 23,772 | 23,064 | 22,584 | 21,948 | 17,019       | 18,047 |
| Nonresidential buildings .....         | 8,292                           | 8,328  | 8,220  | 8,256  | 8,592  | 8,904  | 9,168  | 9,264  | 9,556        | 8,675  |
| Industrial .....                       | 1,920                           | 1,920  | 1,872  | 1,836  | 1,884  | 1,956  | 2,040  | 2,100  | 3,557        | 2,382  |
| Commercial .....                       | 3,648                           | 3,696  | 3,660  | 3,732  | 4,008  | 4,128  | 4,212  | 4,164  | 3,564        | 3,589  |
| Office buildings and warehouses .....  | 1,980                           | 2,004  | 1,968  | 1,956  | 1,992  | 1,980  | 2,028  | 2,040  | 1,893        | 2,013  |
| Stores, restaurants, and garages ..... | 1,668                           | 1,692  | 1,692  | 1,776  | 2,016  | 2,148  | 2,184  | 2,124  | 1,671        | 1,576  |
| Other nonresidential buildings .....   | 2,724                           | 2,712  | 2,688  | 2,688  | 2,700  | 2,820  | 2,916  | 3,000  | 2,435        | 2,704  |
| Farm construction .....                | 1,764                           | 1,728  | 1,752  | 1,728  | 1,716  | 1,752  | 1,752  | 1,740  | 1,590        | 1,567  |
| Public utilities .....                 | 5,568                           | 5,532  | 5,604  | 5,532  | 5,364  | 5,352  | 5,268  | 5,280  | 5,414        | 5,355  |
| All other private .....                | 216                             | 192    | 192    | 168    | 156    | 168    | 192    | 204    | 199          | 189    |
| <b>PUBLIC CONSTRUCTION</b> .....       | 17,328                          | 16,788 | 17,856 | 16,932 | 16,440 | 16,704 | 16,536 | 16,416 | 14,017       | 15,276 |
| Residential buildings .....            | 1,152                           | 1,236  | 1,260  | 1,188  | 1,128  | 1,068  | 960    | 816    | 506          | 846    |
| Nonresidential buildings .....         | 4,752                           | 4,764  | 4,740  | 4,656  | 4,596  | 4,560  | 4,572  | 4,392  | 4,507        | 4,653  |
| Military facilities .....              | 1,524                           | 1,500  | 1,596  | 1,620  | 1,644  | 1,596  | 1,608  | 1,524  | 1,287        | 1,402  |
| Highways .....                         | 6,624                           | 6,000  | 6,984  | 6,144  | 5,664  | 5,904  | 6,000  | 6,348  | 4,892        | 5,364  |
| Sewer and water systems .....          | 1,428                           | 1,416  | 1,416  | 1,404  | 1,416  | 1,416  | 1,488  | 1,500  | 1,344        | 1,387  |
| Sewer .....                            | 900                             | 888    | 888    | 876    | 888    | 900    | 836    | 924    | 781          | 836    |
| Water .....                            | 528                             | 528    | 528    | 528    | 528    | 516    | 552    | 576    | 563          | 551    |
| Public service enterprises .....       | 444                             | 480    | 456    | 504    | 552    | 588    | 624    | 612    | 393          | 451    |
| Conservation and development .....     | 1,140                           | 1,116  | 1,176  | 1,188  | 1,212  | 1,344  | 1,068  | 1,020  | 971          | 1,019  |
| All other public .....                 | 264                             | 276    | 228    | 228    | 228    | 228    | 216    | 204    | 117          | 154    |

Source: Department of Commerce, Bureau of the Census.

Chart 2.

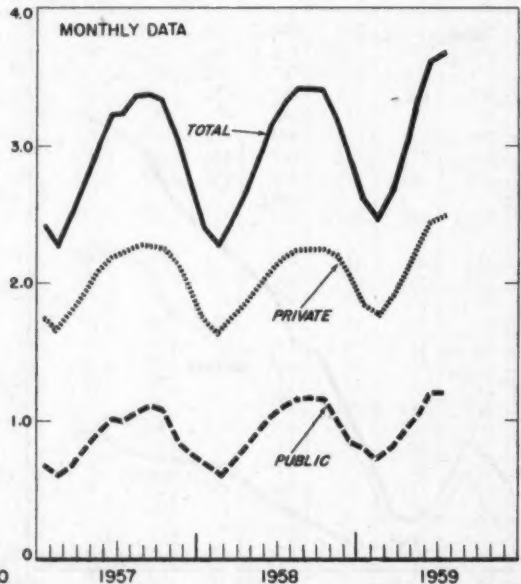
## New Construction Put in Place (In 1947-49 Prices)

Billions of Dollars



SOURCE: DEPARTMENT OF COMMERCE

Billions of Dollars



CONSTRUCTION REVIEW C.D. 59-10-B

Table A-4: New Construction Put in Place: Value in 1947-49 Prices, by Type of Construction

(Millions of dollars)

| Type of construction                  | 1959         |              |              |              |              |              |              | Annual total  |               |               |               |
|---------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|
|                                       | Jan.         | Feb.         | Mar.         | Apr.         | May          | June         | July         | 1955          | 1956          | 1957          | 1958          |
| <b>TOTAL NEW CONSTRUCTION</b> .....   | <b>2,651</b> | <b>2,460</b> | <b>2,732</b> | <b>3,052</b> | <b>3,346</b> | <b>3,621</b> | <b>3,675</b> | <b>35,334</b> | <b>34,681</b> | <b>34,944</b> | <b>35,495</b> |
| <b>PRIVATE CONSTRUCTION</b> .....     | <b>1,850</b> | <b>1,757</b> | <b>1,923</b> | <b>2,116</b> | <b>2,300</b> | <b>2,435</b> | <b>2,481</b> | <b>25,661</b> | <b>24,805</b> | <b>24,469</b> | <b>24,157</b> |
| Residential buildings (nonfarm) ..... | 1,089        | 1,013        | 1,150        | 1,319        | 1,440        | 1,505        | 1,515        | 15,078        | 13,648        | 12,903        | 13,555        |
| Nonresidential buildings .....        | 450          | 438          | 427          | 427          | 464          | 514          | 540          | 6,007         | 6,594         | 6,805         | 6,046         |
| Industrial .....                      | 115          | 111          | 107          | 104          | 107          | 111          | 115          | 1,941         | 2,306         | 2,506         | 1,679         |
| Office buildings & warehouses ..      | 109          | 106          | 103          | 103          | 109          | 112          | 117          | 1,054         | 1,294         | 1,389         | 1,417         |
| Stores, restaurants, & garages ..     | 78           | 78           | 82           | 85           | 107          | 133          | 138          | 1,472         | 1,441         | 1,186         | 1,085         |
| Other nonresidential buildings ..     | 148          | 143          | 135          | 135          | 141          | 158          | 170          | 1,540         | 1,553         | 1,724         | 1,865         |
| Farm construction .....               | 84           | 86           | 95           | 104          | 119          | 132          | 139          | 1,344         | 1,252         | 1,249         | 1,216         |
| Public utilities .....                | 218          | 313          | 243          | 258          | 268          | 274          | 276          | 3,119         | 3,230         | 3,384         | 3,223         |
| All other private .....               | 9            | 7            | 8            | 8            | 9            | 10           | 11           | 113           | 81            | 128           | 117           |
| <b>PUBLIC CONSTRUCTION</b> .....      | <b>801</b>   | <b>703</b>   | <b>809</b>   | <b>936</b>   | <b>1,046</b> | <b>1,186</b> | <b>1,194</b> | <b>9,673</b>  | <b>9,876</b>  | <b>10,475</b> | <b>11,338</b> |
| Residential buildings .....           | 70           | 72           | 71           | 70           | 67           | 64           | 56           | 213           | 225           | 383           | 637           |
| Nonresidential buildings .....        | 244          | 222          | 248          | 262          | 258          | 272          | 272          | 3,274         | 3,017         | 3,193         | 3,214         |
| Industrial .....                      | 20           | 19           | 20           | 21           | 21           | 22           | 21           | 588           | 339           | 333           | 289           |
| Educational .....                     | 152          | 134          | 147          | 155          | 151          | 161          | 163          | 1,888         | 1,891         | 2,003         | 1,982         |
| Hospital and institutional .....      | 20           | 20           | 25           | 26           | 25           | 26           | 25           | 232           | 220           | 250           | 267           |
| Other nonresidential buildings ..     | 52           | 49           | 56           | 60           | 61           | 63           | 63           | 566           | 567           | 607           | 676           |
| Military facilities .....             | 78           | 66           | 72           | 81           | 99           | 109          | 108          | 1,063         | 1,059         | 955           | 1,028         |
| Highways .....                        | 274          | 223          | 277          | 363          | 445          | 549          | 571          | 3,633         | 3,851         | 4,146         | 4,615         |
| Sewer and water systems .....         | 64           | 59           | 66           | 70           | 73           | 75           | 79           | 769           | 859           | 865           | 857           |
| Public service enterprises .....      | 16           | 14           | 18           | 22           | 28           | 30           | 35           | 157           | 240           | 232           | 261           |
| Conservation and development .....    | 45           | 38           | 47           | 55           | 63           | 75           | 61           | 497           | 556           | 625           | 633           |
| All other public .....                | 10           | 9            | 10           | 13           | 13           | 12           | 12           | 67            | 69            | 76            | 93            |

Source: Department of Commerce, Bureau of the Census.

Table A-5: New Public Construction Put in Place, by Source of Funds, Ownership, and Type of Construction

| Source of funds,<br>ownership, and<br>type of construction | Value (in millions of dollars) |      |       |       |       |       |       |       | First 8 months |       | Percent<br>change,<br>first 8<br>months<br>1958-59 |
|--|--------------------------------|------|-------|-------|-------|-------|-------|-------|----------------|-------|--|
|  | 1959                           |      |       |       |       |       |       |       | 1959           | 1958  |  |
|  | Jan.                           | Feb. | Mar.  | Apr.  | May   | June  | July  | Aug.  |                |       |  |
| <b>TOTAL PUBLIC CONSTRUCTION</b> .....                     | 1,102                          | 973  | 1,119 | 1,274 | 1,418 | 1,615 | 1,624 | 1,692 | 10,817         | 9,516 | + 14   |
| Federal funds.....   | 441                            | 379  | 443   | 512   | 579   | 681   | 677   | 693   | 4,405          | 3,294 | + 34   |
| Direct Federal.....  | 277                            | 254  | 277   | 307   | 349   | 387   | 365   | 350   | 2,566          | 2,042 | + 26   |
| Federal grants-in-aid <sup>1</sup> .....                   | 164                            | 125  | 166   | 205   | 230   | 294   | 312   | 343   | 1,839          | 1,252 | + 47   |
| State and local funds.....                                 | 661                            | 594  | 676   | 762   | 839   | 934   | 947   | 999   | 6,412          | 6,222 | + 3  |
| <b>FEDERALLY OWNED</b> .....                               | 277                            | 254  | 277   | 307   | 349   | 387   | 365   | 350   | 2,566          | 2,042 | + 26   |
| Residential buildings.....                                 | 49                             | 51   | 52    | 52    | 51    | 47    | 40    | 35    | 377            | 199   | + 89   |
| Nonresidential buildings.....                              | 49                             | 49   | 50    | 51    | 51    | 54    | 53    | 51    | 408            | 384   | + 6  |
| Industrial.....  | 29                             | 28   | 29    | 30    | 30    | 32    | 31    | 29    | 238            | 270   | - 12   |
| Educational.....   | 1                              | 2    | 2     | 1     | 1     | 1     | 1     | 1     | 10             | 7     | + 43   |
| Hospital.....  | 3                              | 3    | 4     | 5     | 5     | 5     | 5     | 6     | 36             | 21    | + 71   |
| Administrative and service.....                            | 14                             | 14   | 13    | 12    | 12    | 12    | 12    | 11    | 100            | 67    | + 49   |
| Other nonresidential.....                                  | 2                              | 2    | 2     | 3     | 3     | 4     | 4     | 4     | 24             | 19    | + 26   |
| Military facilities.....                                   | 107                            | 91   | 100   | 112   | 137   | 152   | 159   | 150   | 1,008          | 799   | + 26   |
| Highways.....  | 8                              | 7    | 7     | 10    | 14    | 17    | 18    | 18    | 99             | 86    | + 15   |
| Conservation and development.....                          | 62                             | 54   | 66    | 78    | 92    | 113   | 90    | 90    | 645            | 560   | + 15   |
| All other federally owned.....                             | 2                              | 2    | 2     | 4     | 4     | 4     | 5     | 6     | 29             | 14    | + 107  |
| <b>STATE AND LOCALLY OWNED</b> .....                       | 825                            | 719  | 842   | 967   | 1,069 | 1,228 | 1,259 | 1,342 | 8,251          | 7,474 | + 10   |
| Residential buildings.....                                 | 45                             | 46   | 44    | 43    | 41    | 41    | 37    | 36    | 333            | 308   | + 8  |
| Nonresidential buildings.....                              | 310                            | 277  | 317   | 334   | 335   | 353   | 353   | 354   | 2,633          | 2,660 | - 1  |
| Educational.....   | 222                            | 195  | 216   | 228   | 226   | 241   | 242   | 238   | 1,808          | 1,896 | - 5  |
| Hospital.....  | 27                             | 26   | 33    | 33    | 33    | 34    | 33    | 34    | 253            | 227   | + 11   |
| Administrative and service.....                            | 30                             | 28   | 34    | 38    | 39    | 40    | 39    | 42    | 290            | 262   | + 11   |
| Other nonresidential.....                                  | 31                             | 28   | 34    | 35    | 37    | 38    | 39    | 40    | 282            | 275   | + 3  |
| Highways.....  | 312                            | 253  | 313   | 405   | 491   | 623   | 642   | 712   | 3,751          | 3,149 | + 19   |
| Sewer and water systems.....                               | 105                            | 96   | 110   | 116   | 122   | 127   | 135   | 143   | 954            | 908   | + 5  |
| Sewer.....   | 66                             | 60   | 68    | 71    | 74    | 78    | 84    | 89    | 590            | 540   | + 9  |
| Water.....   | 39                             | 36   | 42    | 45    | 48    | 49    | 51    | 54    | 364            | 368   | - 1  |
| All other State and locally owned.....                     | 53                             | 47   | 58    | 69    | 80    | 84    | 92    | 97    | 580            | 449   | + 29   |

Source: Department of Commerce, Bureau of the Census. <sup>1</sup> Construction programs currently receiving Federal grants-in-aid cover highways, schools, hospitals, airports, and miscellaneous community facilities.

## Part B-Housing

Table B-1: New Nonfarm Dwelling Units Started, by Ownership, Location, and Type of Structure

| Period                                      | Total   | Ownership |         | Location <sup>1</sup> |                 | Type of structure |                                      |                  |                  |
|---|---------|-----------|---------|-----------------------|-----------------|-------------------|--------------------------------------|------------------|------------------|
|   |         | Private   | Public  | Metropolitan          | Nonmetropolitan | 1-family houses   | Units in 2-or-more family structures |                  |                  |
|   |         |           |         |                       |                 |                   | All                                  | 2-4 family       | 5-or-more family |
| NUMBER OF NEW DWELLING UNITS (in thousands) |         |           |         |                       |                 |                   |                                      |                  |                  |
| Year: 1951.....                             | 1,091.3 | 1,020.1   | 71.2    | 776.8                 | 314.5           | 900.1             | 191.2                                | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| 1952.....                                   | 1,127.0 | 1,068.5   | 58.5    | 794.9                 | 332.1           | 942.5             | 184.5                                | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| 1953.....                                   | 1,103.8 | 1,068.3   | 35.5    | 803.5                 | 300.3           | 937.8             | 166.0                                | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| 1954.....                                   | 1,220.4 | 1,201.7   | 18.7    | 896.9                 | 323.5           | 1,077.9           | 142.5                                | 51.9             | 90.6             |
| 1955.....                                   | 1,328.9 | 1,309.5   | 19.4    | 975.8                 | 353.1           | 1,194.4           | 134.5                                | 49.2             | 85.3             |
| 1956.....                                   | 1,118.1 | 1,093.9   | 24.2    | 779.8                 | 338.3           | 989.7             | 128.4                                | 46.4             | 82.0             |
| 1957.....                                   | 1,041.9 | 992.8     | 49.1    | 699.7                 | 342.2           | 872.7             | 169.2                                | 51.8             | 117.4            |
| 1958.....                                   | 1,209.4 | 1,141.5   | 67.9    | 827.0                 | 382.4           | 975.1             | 234.3                                | 62.9             | 171.4            |
| First 8 months, 1958.....                   | 772.8   | 721.2     | 51.6    | 525.2                 | 247.6           | 625.6             | 147.2                                | 40.0             | 107.2            |
| First 8 months, 1959.....                   | 973.4   | 947.0     | 26.4    | 661.7                 | 311.7           | ( <sup>3</sup> )  | ( <sup>3</sup> )                     | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| 1958: August.....                           | 124.0   | 114.6     | 9.4     | 82.8                  | 41.2            | 102.9             | 21.1                                 | 6.0              | 15.1             |
| September.....                              | 121.0   | 110.9     | 10.1    | 85.0                  | 36.0            | 98.9              | 22.1                                 | 5.8              | 16.3             |
| October.....                                | 115.0   | 112.9     | 2.1     | 79.1                  | 35.9            | 95.0              | 20.0                                 | 5.7              | 14.3             |
| November.....                               | 109.4   | 107.0     | 2.4     | 73.9                  | 35.5            | 85.1              | 24.3                                 | 6.1              | 18.2             |
| December.....                               | 91.2    | 89.5      | 1.7     | 63.8                  | 27.4            | 70.5              | 20.7                                 | 5.3              | 15.4             |
| 1959: January.....                          | 87.0    | 84.1      | 2.9     | 61.9                  | 25.1            | 64.1              | 22.9                                 | 5.4              | 17.5             |
| February.....                               | 94.5    | 93.5      | 1.0     | 61.6                  | 32.9            | 74.9              | 19.6                                 | 5.1              | 14.5             |
| March.....                                  | 121.0   | 118.1     | 2.9     | 81.2                  | 39.8            | 95.1              | 25.9                                 | 7.7              | 18.2             |
| April.....                                  | 142.2   | 137.4     | 4.8     | 97.0                  | 45.2            | 110.1             | 32.1                                 | 7.9              | 24.2             |
| May.....                                    | 137.0   | 133.5     | 3.5     | 94.1                  | 42.9            | 109.3             | 27.7                                 | 7.4              | 20.3             |
| June.....                                   | 136.7   | 131.1     | 5.6     | 93.1                  | 43.6            | 109.5             | 27.2                                 | 8.0              | 19.2             |
| July.....                                   | 126.0   | 124.5     | 1.5     | 86.3                  | 39.7            | ( <sup>3</sup> )  | ( <sup>3</sup> )                     | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| August.....                                 | 129.0   | 124.8     | 4.2     | 86.5                  | 42.5            | ( <sup>3</sup> )  | ( <sup>3</sup> )                     | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Percent change                              |         |           |         |                       |                 |                   |                                      |                  |                  |
| First 8 months, 1958-59                     | + 25.9  | + 35.1    | - 48.8  | + 25.9                | + 25.8          | .....             | .....                                | .....            | .....            |
| July-August 1959.....                       | + 2.4   | + 0.2     | + 180.0 | + 0.2                 | + 7.0           | .....             | .....                                | .....            | .....            |
| August 1958-59.....                         | + 4.0   | + 8.9     | - 55.3  | + 4.5                 | + 3.2           | .....             | .....                                | .....            | .....            |
| PERCENT DISTRIBUTION                        |         |           |         |                       |                 |                   |                                      |                  |                  |
| Year: 1951.....                             | 100     | 93.5      | 6.5     | 71.2                  | 28.8            | 82.5              | 17.5                                 | .....            | .....            |
| 1952.....                                   | 100     | 94.8      | 5.2     | 70.5                  | 29.5            | 83.6              | 16.4                                 | .....            | .....            |
| 1953.....                                   | 100     | 96.8      | 3.2     | 72.8                  | 27.2            | 85.0              | 15.0                                 | .....            | .....            |
| 1954.....                                   | 100     | 98.5      | 1.5     | 73.5                  | 26.5            | 88.3              | 11.7                                 | 4.3              | 7.4              |
| 1955.....                                   | 100     | 98.5      | 1.5     | 73.4                  | 26.6            | 89.9              | 10.1                                 | 3.7              | 6.4              |
| 1956.....                                   | 100     | 97.8      | 2.2     | 69.7                  | 30.3            | 88.5              | 11.5                                 | 4.2              | 7.3              |
| 1957.....                                   | 100     | 95.3      | 4.7     | 67.2                  | 32.8            | 83.8              | 16.2                                 | 5.0              | 11.2             |
| 1958.....                                   | 100     | 94.4      | 5.6     | 68.4                  | 31.6            | 80.6              | 19.4                                 | 5.2              | 14.2             |
| First 8 months, 1958.....                   | 100     | 93.3      | 6.7     | 68.0                  | 32.0            | 81.0              | 19.0                                 | 5.1              | 13.9             |
| First 8 months, 1959.....                   | 100     | 97.3      | 2.7     | 68.0                  | 32.0            | .....             | .....                                | .....            | .....            |
| 1958: August.....                           | 100     | 92.4      | 7.6     | 66.8                  | 33.2            | 83.0              | 17.0                                 | 4.8              | 12.2             |
| September.....                              | 100     | 91.6      | 8.4     | 70.2                  | 29.8            | 81.7              | 18.3                                 | 4.8              | 13.5             |
| October.....                                | 100     | 98.2      | 1.8     | 68.8                  | 31.2            | 82.6              | 17.4                                 | 5.0              | 12.4             |
| November.....                               | 100     | 97.8      | 2.2     | 67.6                  | 32.4            | 77.8              | 22.2                                 | 5.6              | 16.6             |
| December.....                               | 100     | 98.1      | 1.9     | 70.0                  | 30.0            | 77.3              | 22.7                                 | 5.8              | 16.9             |
| 1959: January.....                          | 100     | 96.7      | 3.3     | 71.1                  | 28.9            | 73.7              | 26.3                                 | 6.2              | 20.1             |
| February.....                               | 100     | 98.9      | 1.1     | 65.2                  | 34.8            | 79.3              | 20.7                                 | 5.4              | 15.3             |
| March.....                                  | 100     | 97.6      | 2.4     | 67.1                  | 32.9            | 78.6              | 21.4                                 | 6.4              | 15.0             |
| April.....                                  | 100     | 96.6      | 3.4     | 68.2                  | 31.8            | 77.4              | 22.6                                 | 5.6              | 17.0             |
| May.....                                    | 100     | 97.4      | 2.6     | 68.7                  | 31.3            | 79.8              | 20.2                                 | 5.4              | 14.8             |
| June.....                                   | 100     | 95.9      | 4.1     | 68.1                  | 31.9            | 80.1              | 20.0                                 | 5.9              | 14.1             |
| July.....                                   | 100     | 98.8      | 1.2     | 68.5                  | 31.5            | .....             | .....                                | .....            | .....            |
| August.....                                 | 100     | 96.7      | 3.3     | 67.1                  | 32.9            | .....             | .....                                | .....            | .....            |

Source: Department of Commerce, Bureau of the Census. <sup>1</sup> Annual data for metropolitan-nonmetropolitan areas are not available before 1950; monthly data not available before January 1953. Data by urban and rural-nonfarm classification for 1920-53 are available upon request. <sup>2</sup> Not available prior to January 1954. Tabulations showing the number of units in 2-family and 3-or-more family structures for 1920-1953 are available upon request. <sup>3</sup> Not available.



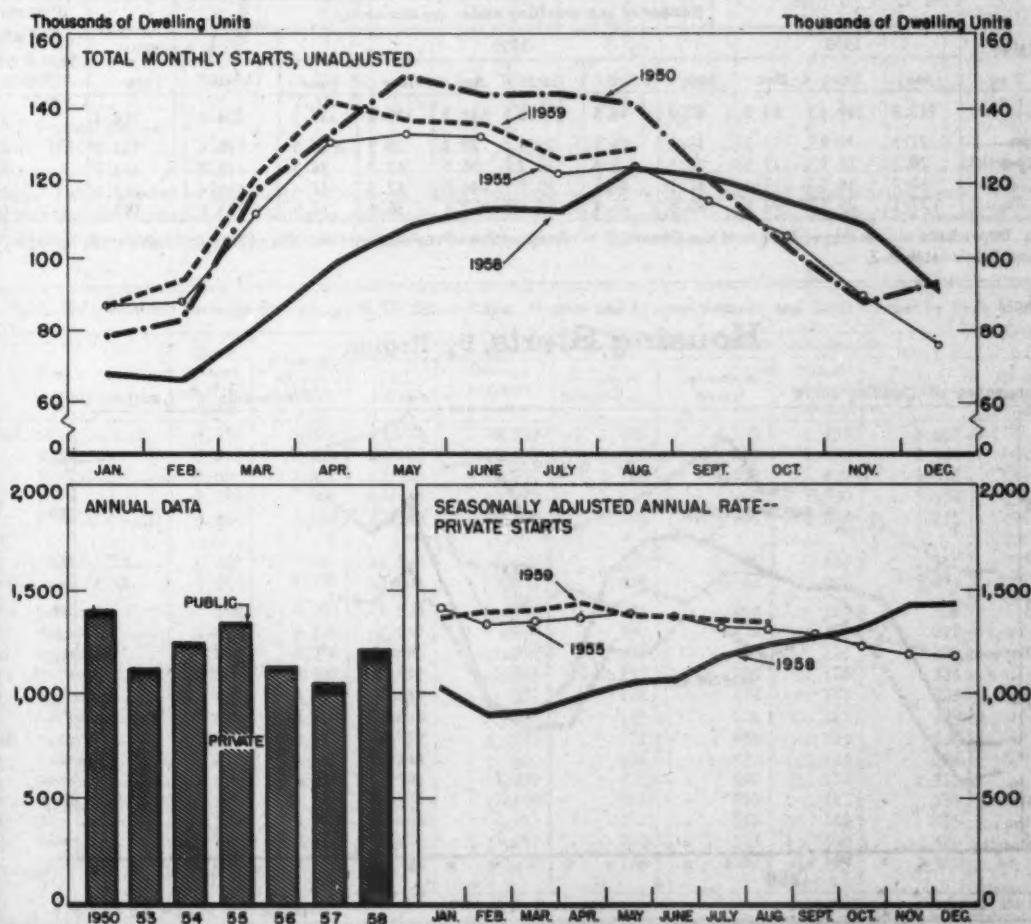
Table B-2: New Private Nonfarm Dwelling Units Started: Seasonally Adjusted Annual Rate

| Year      | Number of new dwelling units (in thousands) |       |       |       |       |       |       |       |       |       |       |       |
|-----------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|           | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July  | Aug.  | Sept. | Oct.  | Nov.  | Dec.  |
| 1948..... | 928   | 813   | 950   | 1,027 | 997   | 993   | 975   | 897   | 863   | 802   | 806   | 813   |
| 1949..... | 800   | 779   | 803   | 892   | 911   | 935   | 964   | 1,028 | 1,092 | 1,149 | 1,244 | 1,266 |
| 1950..... | 1,310                                       | 1,300 | 1,405 | 1,382 | 1,457 | 1,482 | 1,468 | 1,486 | 1,271 | 1,142 | 1,107 | 1,292 |
| 1951..... | 1,360                                       | 1,171 | 1,071 | 975   | 984   | 941   | 918   | 961   | 1,054 | 1,012 | 970   | 973   |
| 1952..... | 1,001                                       | 1,112 | 1,072 | 1,028 | 1,029 | 1,016 | 1,080 | 1,066 | 1,101 | 1,131 | 1,104 | 1,097 |
| 1953..... | 1,104                                       | 1,092 | 1,128 | 1,134 | 1,083 | 1,071 | 1,036 | 1,007 | 1,029 | 1,034 | 1,068 | 1,039 |
| 1954..... | 1,051                                       | 1,100 | 1,103 | 1,116 | 1,102 | 1,180 | 1,220 | 1,226 | 1,273 | 1,275 | 1,376 | 1,443 |
| 1955..... | 1,410                                       | 1,324 | 1,349 | 1,363 | 1,381 | 1,372 | 1,316 | 1,311 | 1,285 | 1,214 | 1,176 | 1,174 |
| 1956..... | 1,195                                       | 1,127 | 1,094 | 1,157 | 1,146 | 1,091 | 1,070 | 1,136 | 1,008 | 1,052 | 1,027 | 1,020 |
| 1957..... | 962   | 935   | 933   | 962   | 994   | 995   | 1,015 | 1,056 | 1,012 | 1,020 | 1,009 | 1,000 |
| 1958..... | 1,020                                       | 915   | 918   | 983   | 1,039 | 1,057 | 1,174 | 1,228 | 1,255 | 1,303 | 1,427 | 1,432 |
| 1959..... | 1,364                                       | 1,403 | 1,403 | 1,434 | 1,370 | 1,368 | 1,350 | 1,340 |       |       |       |       |

Source: Department of Commerce, Bureau of the Census.

Chart 3.

## Housing Starts (Unadjusted and Seasonally Adjusted)



SOURCE: DEPARTMENT OF COMMERCE

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Table B-3: New Private 1-Family Houses Started: Average Construction Cost

| Year                         | Jan.    | Feb.    | Mar.    | Apr.    | May     | June    | July    | Aug.    | Sept.   | Oct.    | Nov.    | Dec.    | Annual average |
|------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------------|
| AVERAGE CONSTRUCTION COST    |         |         |         |         |         |         |         |         |         |         |         |         |                |
| 1948.....                    | \$7,250 | \$7,450 | \$7,550 | \$7,775 | \$7,950 | \$8,050 | \$8,050 | \$8,100 | \$7,900 | \$7,825 | \$7,900 | \$7,900 | \$7,850        |
| 1949.....                    | 7,650   | 7,525   | 7,450   | 7,500   | 7,650   | 7,675   | 7,525   | 7,650   | 7,725   | 7,675   | 7,675   | 7,625   | 7,625          |
| 1950.....                    | 7,625   | 7,850   | 8,225   | 8,450   | 8,450   | 8,750   | 8,875   | 9,125   | 8,900   | 9,200   | 9,075   | 9,200   | 8,675          |
| 1951.....                    | 9,100   | 9,250   | 9,175   | 9,325   | 9,475   | 9,475   | 9,400   | 9,300   | 9,450   | 9,225   | 9,250   | 9,125   | 9,300          |
| 1952.....                    | 9,050   | 9,275   | 9,350   | 9,550   | 9,575   | 9,675   | 9,500   | 9,425   | 9,600   | 9,525   | 9,550   | 9,525   | 9,475          |
| 1953.....                    | 9,400   | 9,600   | 9,800   | 10,000  | 9,900   | 10,000  | 10,125  | 10,175  | 10,200  | 10,175  | 9,975   | 10,000  | 9,950          |
| 1954.....                    | 9,750   | 9,800   | 10,075  | 10,600  | 10,850  | 10,750  | 10,850  | 10,750  | 10,675  | 10,800  | 10,850  | 11,075  | 10,625         |
| 1955.....                    | 10,575  | 11,125  | 11,250  | 11,250  | 11,400  | 11,400  | 11,475  | 11,425  | 11,525  | 11,575  | 11,575  | 11,625  | 11,350         |
| 1956.....                    | 11,325  | 11,750  | 12,150  | 12,275  | 12,300  | 12,300  | 12,375  | 12,275  | 12,325  | 12,425  | 12,675  | 12,350  | 12,225         |
| 1957.....                    | 12,600  | 12,800  | 12,950  | 13,025  | 13,250  | 13,150  | 13,050  | 12,925  | 13,075  | 13,375  | 13,000  | 12,925  | 13,025         |
| 1958.....                    | 12,775  | 12,875  | 13,000  | 13,100  | 13,150  | 13,025  | 13,025  | 12,550  | 12,925  | 13,125  | 12,925  | 12,800  | 12,950         |
| 1959.....                    | 12,450  | 12,300  | 13,250  | 13,650  | 13,750  | 13,725  |         |         |         |         |         |         |                |
| Percent change, 1958 to 1959 |         |         |         |         |         |         |         |         |         |         |         |         |                |
|                              | - 2.5   | - 4.5   | + 1.9   | + 4.2   | + 4.6   | + 5.3   |         |         |         |         |         |         |                |

Source: Department of Commerce, Bureau of the Census.

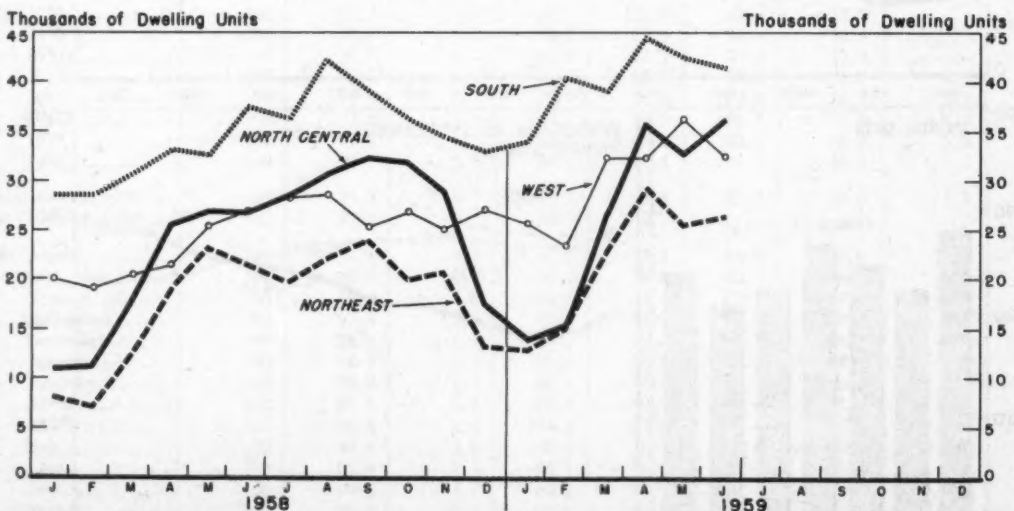
Table B-4: New Nonfarm Dwelling Units Started, by Region<sup>1</sup>

| Region          | Number of new dwelling units (in thousands) |       |      |      |      |       |       |       |       |                |       | Percent<br>change,<br>first 6 mos.<br>1958-59 |
|-----------------|---|-------|------|------|------|-------|-------|-------|-------|----------------|-------|---|
|                 | 1958  |       |      | 1959 |      |       |       |       |       | First 6 months |       |   |
|                 | June  | Nov.  | Dec. | Jan. | Feb. | Mar.  | Apr.  | May   | June  | 1958           | 1959  |   |
| TOTAL.....      | 113.0                                       | 109.4 | 91.2 | 87.0 | 94.5 | 121.0 | 142.2 | 137.0 | 136.7 | 536.0          | 718.4 | + 34.0  |
| Northeast.....  | 21.5  | 20.8  | 13.3 | 13.0 | 15.1 | 22.9  | 29.3  | 25.5  | 26.5  | 91.1           | 132.3 | + 45.2  |
| North Central.. | 26.7  | 28.9  | 17.6 | 14.1 | 15.4 | 26.7  | 36.0  | 32.7  | 36.3  | 119.7          | 161.2 | + 34.7  |
| South.....      | 37.7  | 34.6  | 33.1 | 34.1 | 40.6 | 39.1  | 44.6  | 42.3  | 41.4  | 191.4          | 242.1 | + 26.5  |
| West.....       | 27.1  | 25.1  | 27.2 | 25.8 | 23.4 | 32.3  | 32.3  | 36.5  | 32.5  | 133.8          | 182.8 | + 36.6  |

Source: Department of Commerce, Bureau of the Census. <sup>1</sup> Composition of regions, and nonfarm population distribution by region, are shown below table A-2.

Chart 4.

## Housing Starts, By Region



SOURCE: DEPARTMENT OF COMMERCE

CONSTRUCTION REVIEW C.D. 59-10-0

(NOTICE: The Bureau of the Census has announced that the series, "New Nonfarm Dwelling Units Started in Selected States" scheduled for publication in CONSTRUCTION REVIEW in February, May, August, and November, has been discontinued. Problems associated with its resumption are not expected to be resolved until early in 1960. These data were previously shown in Table B-5.)

Table B-6: New Private Dwelling Units: Volume in Successive Stages of FHA and VA Programs

| Period                          | Number (in thousands) of new dwelling units in-- |                                 |                        |                              |       |                       |                                 |                  | Percent of total private starts under inspection of-- |       |
|---------------------------------|--|---------------------------------|------------------------|------------------------------|-------|-----------------------|---------------------------------|------------------|---|-------|
|                                 | FHA applications                                 |                                 | VA appraisal requests* | Starts under inspection of-- |       | FHA mortgages insured |                                 | VA loans closed  |   |       |
|                                 | Total  | Excluding Capehart <sup>1</sup> |                        | FHA                          | VA    | Total                 | Excluding Capehart <sup>1</sup> |                  | FHA   | VA    |
| Year: 1954.....                 | 383.3  | 383.3                           | 535.4                  | 276.3                        | 307.0 | 150.1                 | 150.1                           | 243.1            | 23  | 26    |
| 1955.....                       | 314.9  | 313.5                           | 620.8                  | 276.7                        | 392.9 | 139.8                 | 139.8                           | 387.6            | 21  | 30    |
| 1956.....                       | 227.6  | 219.4                           | 401.5                  | 189.3                        | 270.7 | 116.2                 | 110.9                           | 313.5            | 17  | 25    |
| 1957.....                       | 266.1  | 229.7                           | 159.4                  | 168.4                        | 128.3 | 118.0                 | 92.6                            | 218.8            | 17  | 13    |
| 1958.....                       | 434.1  | 395.9                           | 234.2                  | 295.4                        | 102.1 | 198.7                 | 157.0                           | 94.0             | 26  | 9     |
| 1958: July.....                 | 47.6   | 37.9                            | 28.5                   | 29.7                         | 10.6  | 17.4                  | 13.8                            | 5.9              | 27  | 10    |
| August.....                     | 43.7   | 39.6                            | 28.5                   | 30.5                         | 13.2  | 21.8                  | 12.4                            | 6.5              | 27  | 12    |
| September....                   | 42.1   | 41.4                            | 26.7                   | 31.9                         | 14.4  | 22.3                  | 14.5                            | 7.7              | 29  | 13    |
| October.....                    | 38.7   | 37.9                            | 19.1                   | 34.7                         | 14.7  | 17.8                  | 16.1                            | 10.1             | 31  | 13    |
| November....                    | 26.0   | 26.0                            | 15.3                   | 25.8                         | 11.0  | 15.8                  | 15.5                            | 9.8              | 24  | 10    |
| December....                    | 26.2   | 25.9                            | 14.8                   | 25.0                         | 9.0   | 17.1                  | 16.7                            | 12.7             | 28  | 10    |
| 1959: January....               | 29.5   | 28.8                            | 17.9                   | 19.8                         | 6.9   | 19.8                  | 19.1                            | 14.1             | 24  | 8     |
| February....                    | 35.8   | 34.6                            | 21.0                   | 20.0                         | 6.2   | 18.1                  | 18.1                            | 12.6             | 21  | 7     |
| March.....                      | 45.2   | 43.6                            | 23.2                   | 30.0                         | 9.7   | 19.1                  | 18.7                            | 14.5             | 25  | 8     |
| April.....                      | 46.9   | 45.4                            | 18.9                   | 33.5                         | 11.0  | 20.9                  | 19.7                            | 12.8             | 24  | 8     |
| May.....                        | 44.8   | 41.4                            | 20.7                   | 34.3                         | 10.3  | 20.7                  | 18.6                            | 11.6             | 26  | 8     |
| June.....                       | 72.0   | 63.0                            | 27.2                   | 34.7                         | 11.0  | 21.3                  | 20.5                            | 11.7             | 26  | 8     |
| July.....                       | 32.3   | 31.6                            | 26.1                   | 31.4                         | 10.6  | 21.4                  | 19.2                            | 11.9             | 25  | 9     |
| August.....                     | 27.8   | 27.8                            | 21.2                   | 31.4                         | 9.9   | ( <sup>2</sup> )      | ( <sup>2</sup> )                | ( <sup>2</sup> ) | 25  | 8     |
| First 8 months:                 |  |                                 |                        |                              |       |                       |                                 |                  |   |       |
| 1958.....                       | 301.1  | 264.8                           | 158.4                  | 178.0                        | 53.0  | 125.8                 | 94.1                            | 53.7             | 25  | 7     |
| 1959.....                       | 334.4  | 315.8                           | 176.1                  | 235.1                        | 75.6  | .....                 | .....                           | .....            | 25  | 8     |
| Percent change, 1958 to 1959... | +11.1  | +19.3                           | +11.2                  | +32.1                        | +42.6 | .....                 | .....                           | .....            | .....   | ..... |

Source: Table compiled by Department of Commerce (BDSD) from data reported by the Housing and Home Finance Agency (FHA) and the Veterans Administration. <sup>1</sup>Excludes units under the armed services (Capehart) housing program, which are classified as public and whose inspection while under construction is under the auspices of the Department of Defense. <sup>2</sup>Not available.

Table B-7: Nonfarm Mortgage Recordings of \$20,000 or Less: Number and Average Amount, and Total Amount by Type of Lender

| Period                  | Total number (in thousands) | Average amount (dollars) | Total amount (in millions of dollars) recorded by-- |                               |                     |                  |                      |             |                   |
|-------------------------|-----------------------------|--------------------------|---|-------------------------------|---------------------|------------------|----------------------|-------------|-------------------|
|                         |                             |                          | All lenders   | Savings and loan associations | Insurance companies | Commercial banks | Mutual savings banks | Individuals | All other lenders |
| Year: 1954.....         | 3,458                       | 6,644                    | 22,974  | 8,312                         | 1,768               | 4,239            | 1,501                | 2,882       | 4,272             |
| 1955.....               | 3,913                       | 7,279                    | 28,484  | 10,452                        | 1,932               | 5,617            | 1,858                | 3,362       | 5,265             |
| 1956.....               | 3,602                       | 7,521                    | 27,088  | 9,532                         | 1,799               | 5,458            | 1,824                | 3,558       | 4,917             |
| 1957.....               | 3,246                       | 7,469                    | 24,244  | 9,217                         | 1,472               | 4,264            | 1,430                | 3,554       | 4,307             |
| 1958.....               | 3,441                       | 7,959                    | 27,388  | 10,516                        | 1,460               | 5,204            | 1,640                | 3,435       | 5,133             |
| First 7 mos., 1958..... | 1,867                       | 7,681                    | 14,340  | 5,497                         | 773                 | 2,696            | 807                  | 1,951       | 2,616             |
| First 7 mos., 1959..... | 2,207                       | 8,520                    | 18,801  | 7,639                         | 828                 | 3,564            | 969                  | 2,279       | 3,522             |
| 1958: July.....         | 318                         | 8,000                    | 2,543   | 986                           | 125                 | 492              | 165                  | 308         | 467               |
| August.....             | 312                         | 8,120                    | 2,535   | 995                           | 130                 | 476              | 169                  | 292         | 473               |
| September....           | 318                         | 8,156                    | 2,596   | 1,022                         | 136                 | 493              | 170                  | 296         | 479               |
| October.....            | 342                         | 8,341                    | 2,857   | 1,087                         | 150                 | 558              | 175                  | 324         | 563               |
| November....            | 292                         | 8,333                    | 2,432   | 932                           | 128                 | 474              | 154                  | 273         | 471               |
| December....            | 309                         | 8,494                    | 2,629   | 983                           | 143                 | 508              | 165                  | 299         | 531               |
| 1959: January....       | 278                         | 8,474                    | 2,352   | 870                           | 121                 | 454              | 123                  | 300         | 484               |
| February....            | 270                         | 8,321                    | 2,245   | 865                           | 106                 | 427              | 113                  | 284         | 450               |
| March.....              | 307                         | 8,418                    | 2,586   | 1,059                         | 116                 | 492              | 112                  | 318         | 409               |
| April.....              | 326                         | 8,513                    | 2,776   | 1,148                         | 115                 | 553              | 125                  | 333         | 502               |
| May.....                | 326                         | 8,488                    | 2,768   | 1,151                         | 112                 | 534              | 140                  | 339         | 492               |
| June.....               | 342                         | 8,687                    | 2,974   | 1,261                         | 120                 | 543              | 168                  | 338         | 544               |
| July.....               | 357                         | 8,673                    | 3,100   | 1,286                         | 138                 | 562              | 187                  | 367         | 560               |
| Percent change          |                             |                          |   |                               |                     |                  |                      |             |                   |
| First 7 mos., 1958-59.. | +18                         | +11                      | +31   | +39                           | +7                  | +32              | +20                  | +17         | +35               |

Source: Table compiled by Department of Commerce (BDSD) from data reported by the Federal Home Loan Bank Board.

(NOTE: Tables B-8 and B-9, Housing Vacancy Rates, are shown quarterly in the February, May, August, and November issues.)

## Part C—Building Permits

Table C-1: Building Permit Activity: Current Summary, by Type of Building Construction

| Type of building construction          | Valuation (in millions of dollars) |           |           |          |                |           | Percent change |                         |
|--|------------------------------------|-----------|-----------|----------|----------------|-----------|----------------|-------------------------|
|  | 1959                               |           |           | 1958     | First 7 months |           | July 1958-59   | First 7 months, 1958-59 |
|  | July                               | June      | May       | July     | 1959           | 1958      |                |                         |
| All building construction <sup>1</sup> | 2,168.8                            | 2,222.5   | 2,202.5   | 1,962.6  | 13,851.4       | 11,541.9  | + 11           | + 20                    |
| Private                                | 1,961.1                            | 1,987.1   | 2,001.9   | 1,729.6  | 12,393.6       | 9,809.4   | + 13           | + 26                    |
| Public                                 | 207.6                              | 235.4     | 200.6     | 232.9    | 1,457.7        | 1,732.5   | - 11           | - 16                    |
| New dwelling units <sup>2</sup>        | 1,159.1                            | 1,280.3   | 1,272.8   | 1,071.4  | 7,743.8        | 5,910.6   | + 8            | + 31                    |
| Number of new dwelling units           | (102,694)                          | (112,914) | (113,566) | (99,280) | (702,573)      | (552,661) | (+ 3)          | (+ 27)                  |
| New nonresidential building            | 753.2                              | 668.4     | 700.5     | 674.5    | 4,603.4        | 4,355.5   | + 12           | + 6                     |
| Commercial buildings                   | 249.7                              | 221.7     | 246.0     | 236.5    | 1,694.3        | 1,491.0   | + 6            | + 14                    |
| Stores and other mercantile buildings  | 114.5                              | 117.4     | 112.9     | 93.2     | 718.1          | 595.7     | + 23           | + 21                    |
| All other commercial buildings         | 135.2                              | 104.3     | 133.1     | 143.3    | 976.2          | 895.3     | - 6            | + 9                     |
| Community buildings                    | 274.3                              | 243.7     | 272.6     | 268.7    | 1,609.1        | 1,578.8   | + 2            | + 2                     |
| Industrial buildings                   | 105.2                              | 78.1      | 96.5      | 62.4     | 571.6          | 561.2     | + 69           | + 2                     |
| All other nonresidential buildings     | 124.0                              | 124.8     | 85.3      | 107.0    | 728.4          | 724.5     | + 16           | + 1                     |
| Additions and alterations              | 220.7                              | 250.9     | 199.0     | 196.2    | 1,328.0        | 1,151.6   | + 12           | + 15                    |

Source: Department of Commerce, Bureau of the Census.

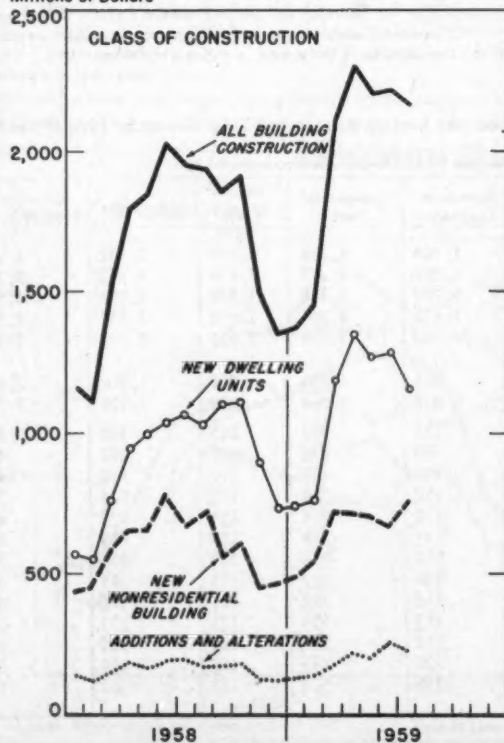
<sup>1</sup> Includes new nonhousekeeping residential building, not shown separately.

<sup>2</sup> Housekeeping only.

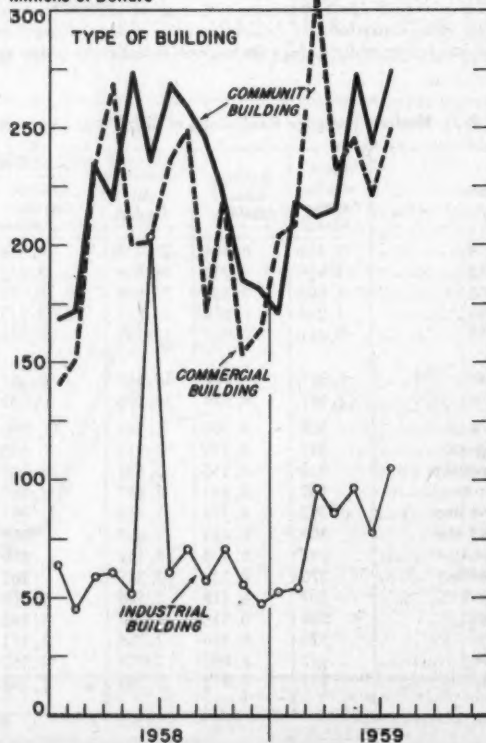
Chart 5.

### Building Permit Activity

Millions of Dollars



Millions of Dollars



SOURCE: DEPARTMENT OF COMMERCE

CONSTRUCTION REVIEW C.D. 59-10-E



Table C-2: Building Permit Activity: Total Valuation, by Type of Building Construction and Region<sup>1</sup>

| Type of building construction                | Valuation (in millions of dollars) |         |         |         |         |                | Percent change, 1st 6 months 1958-59 |
|--|------------------------------------|---------|---------|---------|---------|----------------|--------------------------------------|
|  | 1958                               | 1959    |         |         |         | First 6 months |                                      |
|  | June                               | April   | May     | June    | 1958    | 1959           |                                      |
| UNITED STATES                                |                                    |         |         |         |         |                |                                      |
| All building construction <sup>2</sup> ..... | 2,051.5                            | 2,304.3 | 2,202.5 | 2,222.5 | 9,579.4 | 11,682.6       | + 22                                 |
| New dwelling units <sup>3</sup> .....        | 1,037.1                            | 1,346.9 | 1,272.8 | 1,280.3 | 4,839.2 | 6,584.7        | + 36                                 |
| New nonresidential building.....             | 804.3                              | 715.1   | 700.5   | 668.4   | 3,681.0 | 3,850.1        | + 5                                  |
| Commercial buildings.....                    | 201.3                              | 232.2   | 246.0   | 221.7   | 1,254.5 | 1,444.6        | + 15                                 |
| Amusement buildings.....                     | 21.9                               | 27.3    | 33.6    | 22.2    | 95.4    | 131.2          | + 38                                 |
| Commercial garages.....                      | 6.8                                | 7.1     | 5.9     | 2.1     | 30.2    | 26.1           | - 14                                 |
| Gasoline and service stations.....           | 11.0                               | 12.0    | 11.8    | 13.0    | 64.2    | 63.5           | - 1                                  |
| Office buildings.....                        | 64.0                               | 69.3    | 81.8    | 67.0    | 562.3   | 620.2          | + 10                                 |
| Stores and other mercantile bldgs. ....      | 97.6                               | 116.5   | 112.9   | 117.4   | 502.5   | 603.6          | + 20                                 |
| Community buildings.....                     | 234.6                              | 216.9   | 272.6   | 243.7   | 1,310.2 | 1,334.7        | + 2                                  |
| Educational buildings.....                   | 143.6                              | 113.1   | 144.1   | 150.3   | 801.8   | 785.8          | - 2                                  |
| Institutional buildings.....                 | 47.5                               | 44.8    | 76.0    | 38.5    | 280.2   | 290.6          | + 4                                  |
| Religious buildings.....                     | 43.5                               | 59.0    | 52.5    | 55.0    | 228.2   | 258.3          | + 13                                 |
| Garages, private residential.....            | 19.2                               | 23.0    | 23.6    | 23.4    | 77.5    | 92.7           | + 20                                 |
| Industrial buildings.....                    | 209.1                              | 86.0    | 96.5    | 78.1    | 498.8   | 466.3          | - 7                                  |
| Public utilities buildings.....              | 30.4                               | 30.4    | 18.3    | 36.3    | 219.8   | 154.1          | - 30                                 |
| All other nonresidential buildings.....      | 109.7                              | 126.4   | 43.4    | 65.1    | 320.2   | 357.7          | + 12                                 |
| Additions, and alterations.....              | 191.5                              | 217.0   | 199.0   | 250.9   | 955.4   | 1,107.3        | + 16                                 |
| Northeast                                    |                                    |         |         |         |         |                |                                      |
| All building construction <sup>2</sup> ..... | 387.7                              | 471.5   | 461.8   | 469.9   | 1,812.3 | 2,534.2        | + 40                                 |
| New dwelling units <sup>3</sup> .....        | 203.2                              | 278.5   | 253.6   | 273.0   | 883.6   | 1,303.1        | + 47                                 |
| New nonresidential building.....             | 137.8                              | 135.4   | 152.8   | 136.4   | 726.9   | 950.4          | + 31                                 |
| Commercial buildings.....                    | 44.1                               | 36.3    | 54.6    | 48.8    | 216.8   | 438.6          | + 102                                |
| Amusement buildings.....                     | 9.5                                | 6.0     | 12.8    | 6.9     | 24.9    | 35.1           | + 41                                 |
| Commercial garages.....                      | 3.4                                | 3.3     | 2.0     | .3      | 12.5    | 9.6            | - 23                                 |
| Gasoline and service stations.....           | 2.3                                | 2.0     | 2.0     | 2.3     | 10.4    | 10.7           | + 3                                  |
| Office buildings.....                        | 8.0                                | 7.2     | 12.6    | 15.0    | 80.9    | 278.4          | + 244                                |
| Stores and other mercantile bldgs. ....      | 20.9                               | 17.9    | 25.1    | 24.2    | 88.1    | 104.8          | + 19                                 |
| Community buildings.....                     | 48.8                               | 64.4    | 64.4    | 54.5    | 268.8   | 340.7          | + 27                                 |
| Educational buildings.....                   | 29.7                               | 38.2    | 35.0    | 33.5    | 157.1   | 218.3          | + 39                                 |
| Institutional buildings.....                 | 11.3                               | 15.0    | 17.3    | 4.7     | 66.6    | 64.0           | - 4                                  |
| Religious buildings.....                     | 7.7                                | 11.2    | 12.1    | 16.3    | 45.1    | 58.4           | + 29                                 |
| Garages, private residential.....            | 4.4                                | 4.3     | 4.4     | 4.4     | 15.9    | 17.0           | + 7                                  |
| Industrial buildings.....                    | 12.5                               | 17.2    | 16.1    | 17.1    | 99.6    | 89.2           | - 10                                 |
| Public utilities buildings.....              | 10.6                               | 7.4     | 6.1     | 5.3     | 60.8    | 26.6           | - 56                                 |
| All other nonresidential buildings.....      | 17.4                               | 5.8     | 7.2     | 6.3     | 65.1    | 38.3           | - 41                                 |
| Additions, and alterations.....              | 44.2                               | 53.6    | 47.7    | 55.0    | 188.7   | 251.7          | + 33                                 |
| North Central                                |                                    |         |         |         |         |                |                                      |
| All building construction <sup>2</sup> ..... | 647.8                              | 666.6   | 594.3   | 643.7   | 2,575.8 | 2,907.8        | + 13                                 |
| New dwelling units <sup>3</sup> .....        | 279.9                              | 405.9   | 347.0   | 373.9   | 1,250.9 | 1,700.4        | + 36                                 |
| New nonresidential building.....             | 316.0                              | 199.6   | 191.0   | 191.9   | 1,068.7 | 910.9          | - 15                                 |
| Commercial buildings.....                    | 46.4                               | 66.1    | 49.2    | 49.9    | 288.1   | 265.3          | - 8                                  |
| Amusement buildings.....                     | 3.8                                | 4.5     | 3.0     | 4.2     | 22.8    | 21.2           | - 7                                  |
| Commercial garages.....                      | 2.5                                | 1.3     | 1.6     | .7      | 7.4     | 6.5            | - 12                                 |
| Gasoline and service stations.....           | 3.4                                | 3.4     | 3.4     | 4.0     | 19.6    | 17.7           | - 10                                 |
| Office buildings.....                        | 13.4                               | 20.9    | 13.9    | 16.1    | 121.8   | 85.0           | - 30                                 |
| Stores and other mercantile bldgs. ....      | 23.3                               | 36.0    | 27.2    | 24.9    | 116.5   | 134.9          | + 16                                 |
| Community buildings.....                     | 71.5                               | 58.1    | 77.1    | 81.3    | 403.9   | 352.5          | - 13                                 |
| Educational buildings.....                   | 44.6                               | 29.1    | 42.7    | 50.0    | 237.9   | 186.8          | - 21                                 |
| Institutional buildings.....                 | 14.3                               | 10.7    | 20.8    | 15.6    | 92.7    | 93.7           | + 1                                  |
| Religious buildings.....                     | 12.7                               | 18.3    | 13.7    | 15.7    | 73.3    | 70.0           | - 5                                  |
| Garages, private residential.....            | 10.2                               | 13.6    | 14.3    | 14.2    | 38.2    | 49.8           | + 30                                 |
| Industrial buildings.....                    | 160.4                              | 34.9    | 39.7    | 25.6    | 245.0   | 152.2          | - 38                                 |
| Public utilities buildings.....              | 6.6                                | 4.3     | 3.3     | 11.4    | 39.7    | 35.1           | - 12                                 |
| All other nonresidential buildings.....      | 20.8                               | 22.6    | 7.4     | 9.6     | 53.7    | 56.0           | + 4                                  |
| Additions, and alterations.....              | 48.2                               | 57.4    | 50.7    | 69.1    | 243.7   | 269.5          | + 11                                 |

See footnotes at end of table.

Table C-2: Building Permit Activity: Total Valuation, by Type of Building Construction and Region<sup>1</sup>—Continued

| Type of building construction          | Valuation (in millions of dollars) |       |       |       |                |         | Percent change, 1st 6 months 1958-59 |
|--|------------------------------------|-------|-------|-------|----------------|---------|--------------------------------------|
|  | 1958                               | 1959  |       |       | First 6 months |         |                                      |
|  | June                               | April | May   | June  | 1958           | 1959    |                                      |
|  | South                              |       |       |       |                |         |                                      |
| All building construction <sup>2</sup> | 507.4                              | 548.5 | 543.8 | 528.5 | 2,651.1        | 3,015.2 | + 14                                 |
| New dwelling units <sup>3</sup>        | 280.8                              | 323.0 | 296.5 | 290.7 | 1,388.6        | 1,690.2 | + 22                                 |
| New nonresidential building            | 174.0                              | 164.4 | 189.6 | 169.9 | 960.6          | 995.4   | + 4                                  |
| Commercial buildings                   | 63.9                               | 63.0  | 74.8  | 71.9  | 406.3          | 409.1   | + 1                                  |
| Amusement buildings                    | 4.4                                | 4.4   | 10.4  | 6.1   | 24.7           | 35.9    | + 45                                 |
| Commercial garages                     | .6                                 | .4    | .9    | .6    | 4.6            | 4.1     | - 11                                 |
| Gasoline and service stations          | 3.3                                | 3.8   | 3.5   | 3.7   | 21.0           | 19.4    | - 8                                  |
| Office buildings                       | 17.4                               | 17.5  | 27.4  | 17.4  | 183.4          | 132.1   | - 28                                 |
| Stores and other mercantile bldgs.     | 38.2                               | 37.0  | 32.6  | 44.2  | 172.5          | 217.5   | + 26                                 |
| Community buildings                    | 65.7                               | 50.5  | 83.0  | 60.4  | 358.3          | 343.5   | - 4                                  |
| Educational buildings                  | 34.1                               | 21.5  | 42.6  | 32.9  | 215.8          | 185.6   | - 14                                 |
| Institutional buildings                | 15.4                               | 11.9  | 23.0  | 12.5  | 72.0           | 78.3    | + 9                                  |
| Religious buildings                    | 16.2                               | 17.1  | 17.4  | 15.0  | 70.6           | 79.5    | + 13                                 |
| Garages, private residential           | 1.8                                | 2.2   | 2.1   | 2.0   | 9.5            | 11.0    | + 16                                 |
| Industrial buildings                   | 9.3                                | 11.5  | 14.2  | 9.6   | 62.5           | 94.5    | + 51                                 |
| Public utilities buildings             | 6.4                                | 10.2  | 4.1   | 15.2  | 46.7           | 58.8    | + 26                                 |
| All other nonresidential buildings     | 26.9                               | 26.9  | 11.4  | 10.7  | 77.2           | 78.6    | + 2                                  |
| Additions, and alterations             | 48.9                               | 54.4  | 46.9  | 62.7  | 268.8          | 288.6   | + 7                                  |
|  | West                               |       |       |       |                |         |                                      |
| All building construction <sup>2</sup> | 508.5                              | 617.7 | 602.6 | 580.4 | 2,540.2        | 3,225.3 | + 27                                 |
| New dwelling units <sup>3</sup>        | 273.2                              | 339.4 | 375.7 | 342.6 | 1,316.0        | 1,890.9 | + 44                                 |
| New nonresidential building            | 176.5                              | 215.7 | 167.1 | 170.1 | 924.8          | 993.4   | + 7                                  |
| Commercial buildings                   | 46.9                               | 66.8  | 67.5  | 51.1  | 343.4          | 331.6   | - 3                                  |
| Amusement buildings                    | 4.2                                | 12.4  | 7.4   | 5.0   | 23.0           | 38.9    | + 69                                 |
| Commercial garages                     | .2                                 | 2.1   | 1.5   | .5    | 5.7            | 5.9     | + 4                                  |
| Gasoline and service stations          | 2.0                                | 2.8   | 2.9   | 2.9   | 13.1           | 15.7    | + 20                                 |
| Office buildings                       | 25.2                               | 23.8  | 27.9  | 18.5  | 176.2          | 124.8   | - 29                                 |
| Stores and other mercantile bldgs.     | 15.3                               | 25.7  | 27.9  | 24.2  | 125.3          | 146.4   | + 17                                 |
| Community buildings                    | 48.7                               | 44.0  | 48.1  | 47.6  | 279.1          | 298.1   | + 7                                  |
| Educational buildings                  | 35.2                               | 24.3  | 23.8  | 34.0  | 191.1          | 193.2   | + 1                                  |
| Institutional buildings                | 6.5                                | 7.3   | 14.9  | 5.7   | 48.9           | 54.5    | + 11                                 |
| Religious buildings                    | 7.0                                | 12.5  | 9.4   | 7.9   | 39.1           | 50.4    | + 29                                 |
| Garages, private residential           | 2.8                                | 2.9   | 2.9   | 2.8   | 13.9           | 14.8    | + 6                                  |
| Industrial buildings                   | 26.8                               | 22.4  | 26.5  | 25.7  | 91.7           | 130.5   | + 42                                 |
| Public utilities buildings             | 6.8                                | 8.5   | 4.7   | 4.5   | 72.5           | 33.7    | - 54                                 |
| All other nonresidential buildings     | 44.6                               | 71.2  | 17.4  | 38.5  | 124.2          | 184.7   | + 49                                 |
| Additions, and alterations             | 50.2                               | 51.7  | 53.5  | 64.1  | 254.2          | 297.4   | + 17                                 |

Source: Department of Commerce, Bureau of the Census. <sup>1</sup> Composition of regions, and nonfarm population distribution by region, are shown below table A-2. <sup>2</sup> Includes new nonhousekeeping residential building, not shown separately. <sup>3</sup> Housekeeping only.

Table C-3: Building Permit Activity: Number of Nonresidential Buildings, by Type of Building

| Type of construction                        | 1958   |        |       | 1959  |       |        |        |        |        |
|---|--------|--------|-------|-------|-------|--------|--------|--------|--------|
|   | June   | Nov.   | Dec.  | Jan.  | Feb.  | Mar.   | Apr.   | May    | June   |
| Amusement buildings .....                   | 300    | 207    | 178   | 172   | 233   | 279    | 407    | 373    | 352    |
| Commercial garages .....                    | 62     | 91     | 51    | 49    | 67    | 77     | 91     | 95     | 153    |
| Educational buildings .....                 | 528    | 270    | 269   | 292   | 305   | 395    | 407    | 491    | 520    |
| Garages, private residential .....          | 19,989 | 13,181 | 5,836 | 5,049 | 5,600 | 12,383 | 22,749 | 23,027 | 22,927 |
| Gasoline and service stations .....         | 669    | 560    | 540   | 504   | 497   | 706    | 790    | 780    | 764    |
| Industrial buildings .....                  | 1,009  | 1,011  | 880   | 922   | 998   | 1,298  | 1,527  | 1,425  | 1,306  |
| Institutional buildings .....               | 139    | 92     | 106   | 98    | 101   | 126    | 126    | 1,167  | 141    |
| Office buildings .....                      | 674    | 528    | 511   | 566   | 560   | 825    | 882    | 809    | 881    |
| Religious buildings .....                   | 569    | 432    | 380   | 340   | 370   | 535    | 634    | 622    | 642    |
| Stores and other mercantile buildings ..... | 2,383  | 1,977  | 1,713 | 1,848 | 1,976 | 2,841  | 3,220  | 3,042  | 2,731  |

Source: Department of Commerce, Bureau of the Census.

Table C-4: Building Permit Activity: Valuation and Number of New Dwelling Units, by Type of Structure, Public-Private Ownership, and Region<sup>1</sup>

| Ownership and<br>type of structure | (Housekeeping units only)          |         |         |                |         |                          |         |         |                |         |
|------------------------------------|------------------------------------|---------|---------|----------------|---------|--------------------------|---------|---------|----------------|---------|
|                                    | Valuation (in millions of dollars) |         |         |                |         | Number of dwelling units |         |         |                |         |
|                                    | 1958                               | 1959    |         | First 6 months |         | 1958                     | 1959    |         | First 6 months |         |
|                                    | June                               | May     | June    | 1958           | 1959    | June                     | May     | June    | 1958           | 1959    |
|                                    | UNITED STATES                      |         |         |                |         |                          |         |         |                |         |
| All new dwelling units ..          | 1,037.1                            | 1,272.8 | 1,280.3 | 4,839.2        | 6,584.7 | 95,783                   | 113,566 | 112,914 | 453,381        | 599,879 |
| Privately owned .....              | 952.0                              | 1,235.6 | 1,240.9 | 4,583.8        | 6,410.6 | 88,330                   | 110,628 | 109,375 | 430,418        | 584,359 |
| 1-family .....                     | 836.8                              | 1,054.2 | 1,065.5 | 3,958.5        | 5,406.3 | 71,109                   | 84,109  | 85,212  | 335,470        | 441,327 |
| 2-4 family .....                   | 32.5                               | 55.4    | 51.6    | 190.5          | 295.9   | 4,671                    | 7,350   | 7,259   | 27,678         | 40,710  |
| 5-or-more family .....             | 82.7                               | 126.0   | 123.8   | 434.8          | 708.4   | 12,550                   | 19,169  | 16,904  | 67,270         | 102,322 |
| Publicly owned .....               | 85.1                               | 37.2    | 39.4    | 255.4          | 174.1   | 7,453                    | 2,938   | 3,539   | 22,963         | 15,520  |
|                                    | Northeast                          |         |         |                |         |                          |         |         |                |         |
| All new dwelling units ..          | 203.2                              | 253.6   | 273.0   | 883.6          | 1,303.1 | 18,230                   | 22,388  | 23,804  | 78,788         | 117,558 |
| Privately owned .....              | 179.3                              | 245.7   | 257.5   | 804.0          | 1,225.8 | 16,510                   | 21,700  | 22,352  | 72,161         | 110,384 |
| 1-family .....                     | 154.2                              | 203.5   | 203.6   | 669.8          | 922.2   | 13,184                   | 15,922  | 15,852  | 54,784         | 72,235  |
| 2-4 family .....                   | 6.1                                | 13.7    | 13.9    | 34.3           | 78.7    | 814                      | 1,750   | 1,748   | 4,557          | 9,902   |
| 5-or-more family .....             | 19.0                               | 28.5    | 40.0    | 99.9           | 224.9   | 2,512                    | 4,028   | 4,752   | 12,820         | 28,247  |
| Publicly owned .....               | 23.9                               | 8.0     | 15.5    | 79.7           | 77.4    | 1,720                    | 688     | 1,452   | 6,627          | 7,174   |
|                                    | North Central                      |         |         |                |         |                          |         |         |                |         |
| All new dwelling units ..          | 279.9                              | 347.0   | 373.9   | 1,250.9        | 1,700.4 | 21,984                   | 26,472  | 29,067  | 98,788         | 131,474 |
| Privately owned .....              | 267.3                              | 346.2   | 370.8   | 1,211.9        | 1,674.1 | 20,852                   | 26,396  | 28,775  | 95,133         | 129,363 |
| 1-family .....                     | 245.4                              | 306.2   | 328.0   | 1,097.6        | 1,481.5 | 18,346                   | 21,787  | 23,514  | 80,993         | 106,942 |
| 2-4 family .....                   | 9.0                                | 13.0    | 13.3    | 49.2           | 67.1    | 1,073                    | 1,397   | 1,497   | 5,650          | 7,312   |
| 5-or-more family .....             | 12.9                               | 27.0    | 29.5    | 65.1           | 125.5   | 1,433                    | 3,212   | 3,764   | 8,490          | 15,109  |
| Publicly owned .....               | 12.6                               | .8      | 3.2     | 39.9           | 26.4    | 1,132                    | 76      | 292     | 3,655          | 2,111   |
|                                    | South                              |         |         |                |         |                          |         |         |                |         |
| All new dwelling units ..          | 280.8                              | 296.5   | 290.7   | 1,388.6        | 1,690.2 | 28,778                   | 29,486  | 28,888  | 144,343        | 170,656 |
| Privately owned .....              | 247.9                              | 288.2   | 280.8   | 1,297.9        | 1,658.5 | 25,522                   | 28,574  | 27,761  | 135,533        | 167,073 |
| 1-family .....                     | 229.3                              | 258.5   | 260.0   | 1,179.2        | 1,518.2 | 21,975                   | 23,488  | 23,811  | 114,149        | 141,594 |
| 2-4 family .....                   | 6.1                                | 10.3    | 8.9     | 38.0           | 46.3    | 1,096                    | 1,563   | 1,807   | 6,982          | 8,345   |
| 5-or-more family .....             | 12.5                               | 19.4    | 11.9    | 80.7           | 94.0    | 2,451                    | 3,523   | 2,143   | 14,402         | 17,134  |
| Publicly owned .....               | 32.8                               | 8.3     | 10.0    | 90.8           | 31.7    | 3,256                    | 912     | 1,127   | 8,810          | 3,583   |
|                                    | West                               |         |         |                |         |                          |         |         |                |         |
| All new dwelling units ..          | 273.2                              | 375.7   | 342.6   | 1,316.0        | 1,890.9 | 26,791                   | 35,220  | 31,155  | 131,462        | 180,191 |
| Privately owned .....              | 257.5                              | 355.6   | 331.8   | 1,269.9        | 1,852.3 | 25,446                   | 33,958  | 30,487  | 127,591        | 177,539 |
| 1-family .....                     | 207.9                              | 286.0   | 273.9   | 1,011.9        | 1,484.4 | 17,604                   | 22,912  | 22,035  | 85,544         | 120,556 |
| 2-4 family .....                   | 11.4                               | 18.4    | 15.5    | 69.0           | 103.9   | 1,688                    | 2,640   | 2,207   | 10,489         | 15,151  |
| 5-or-more family .....             | 38.2                               | 51.2    | 42.4    | 189.0          | 264.0   | 6,154                    | 8,406   | 6,245   | 31,558         | 41,832  |
| Publicly owned .....               | 15.7                               | 20.1    | 10.8    | 46.0           | 38.7    | 1,345                    | 1,262   | 668     | 3,871          | 2,652   |

Source: Department of Commerce, Bureau of the Census.

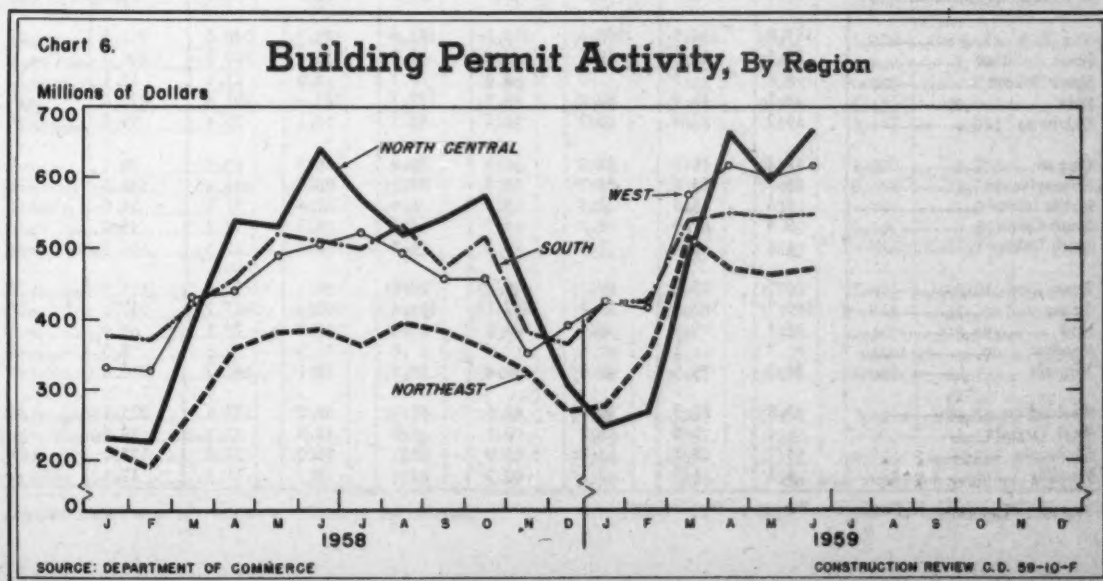
<sup>1</sup> Composition of regions, and nonfarm population distribution by region, are shown below table A-2.

Table C-5: Building Permit Activity: Total Valuation, by Metropolitan-Nonmetropolitan Location and by State

| State                       | Valuation (in millions of dollars) |         |         |         |         |         |                |         | Percent change,<br>1st 5 mos.<br>1958-59 |
|-----------------------------|------------------------------------|---------|---------|---------|---------|---------|----------------|---------|--|
|                             | 1958                               | 1959    |         |         |         |         | First 5 months |         |  |
|                             | May                                | Jan.    | Feb.    | Mar.    | Apr.    | May     | 1958           | 1959    |  |
| ALL STATES .....            | 1,923.2                            | 1,374.3 | 1,463.5 | 2,126.0 | 2,304.3 | 2,202.5 | 7,527.9        | 9,460.1 | +26                                      |
| Metropolitan areas .....    | 1,485.4                            | 1,089.4 | 1,170.1 | 1,702.5 | 1,791.1 | 1,703.7 | 5,888.9        | 7,446.0 | +26                                      |
| Nonmetropolitan areas ..... | 437.8                              | 285.0   | 293.4   | 423.5   | 513.2   | 498.8   | 1,639.0        | 2,014.1 | +23                                      |
| Alabama .....               | 20.8                               | 21.4    | 21.5    | 23.9    | 25.6    | 33.0    | 91.9           | 125.4   | +36                                      |
| Arizona .....               | 33.1                               | 27.6    | 25.8    | 33.2    | 36.0    | 27.0    | 110.8          | 149.6   | +35                                      |
| Arkansas .....              | 5.3                                | 6.6     | 6.4     | 7.0     | 6.4     | 7.3     | 28.5           | 33.7    | +18                                      |
| California .....            | 308.4                              | 293.4   | 299.3   | 401.1   | 388.9   | 421.1   | 1,358.4        | 1,803.8 | +33                                      |
| Colorado .....              | 37.9                               | 24.5    | 18.3    | 29.2    | 68.9    | 30.3    | 118.7          | 171.2   | +44                                      |
| Connecticut .....           | 30.6                               | 20.0    | 19.3    | 32.9    | 42.8    | 47.4    | 118.2          | 162.4   | +37                                      |
| Delaware .....              | 6.7                                | 3.3     | 3.0     | 12.0    | 7.9     | 12.3    | 30.1           | 38.4    | +28                                      |
| District of Columbia .....  | 66.5                               | 5.3     | 2.4     | 15.7    | 11.8    | 4.8     | 103.7          | 39.9    | -62                                      |
| Florida .....               | 84.1                               | 80.3    | 88.9    | 85.2    | 86.0    | 82.6    | 391.4          | 423.0   | +8                                       |
| Georgia .....               | 27.8                               | 30.3    | 37.6    | 33.0    | 27.4    | 31.3    | 140.0          | 159.7   | +14                                      |
| Idaho .....                 | 4.5                                | 2.4     | 3.1     | 4.7     | 5.8     | 4.7     | 17.2           | 20.6    | +20                                      |
| Illinois .....              | 136.2                              | 54.9    | 61.1    | 119.4   | 151.4   | 143.5   | 471.2          | 530.3   | +13                                      |
| Indiana .....               | 33.4                               | 17.9    | 18.4    | 38.4    | 45.5    | 39.4    | 141.3          | 159.5   | +13                                      |
| Iowa .....                  | 18.5                               | 8.9     | 8.9     | 17.1    | 26.6    | 20.1    | 63.1           | 81.6    | +29                                      |
| Kansas .....                | 12.6                               | 8.3     | 12.4    | 20.1    | 16.8    | 15.3    | 59.3           | 72.9    | +23                                      |
| Kentucky .....              | 12.2                               | 7.7     | 13.4    | 18.4    | 20.9    | 26.0    | 61.0           | 86.3    | +41                                      |
| Louisiana .....             | 29.6                               | 23.0    | 22.7    | 30.3    | 30.2    | 39.5    | 131.5          | 145.8   | +11                                      |
| Maine .....                 | 2.9                                | .9      | .4      | 1.8     | 3.6     | 5.3     | 8.9            | 12.0    | +35                                      |
| Maryland .....              | 39.4                               | 41.5    | 28.6    | 49.4    | 73.3    | 49.6    | 167.6          | 242.3   | +45                                      |
| Massachusetts .....         | 47.4                               | 21.5    | 22.1    | 88.4    | 58.0    | 51.5    | 167.3          | 241.6   | +44                                      |
| Michigan .....              | 83.3                               | 38.9    | 33.8    | 78.2    | 97.3    | 95.7    | 293.2          | 344.0   | +17                                      |
| Minnesota .....             | 51.5                               | 16.3    | 16.5    | 33.1    | 62.9    | 48.2    | 158.8          | 176.9   | +11                                      |
| Mississippi .....           | 3.9                                | 4.6     | 4.8     | 5.1     | 5.8     | 7.4     | 23.7           | 27.7    | +17                                      |
| Missouri .....              | 31.1                               | 29.2    | 30.2    | 38.8    | 36.2    | 29.3    | 122.9          | 163.7   | +33                                      |
| Montana .....               | 4.5                                | 1.1     | 1.1     | 4.4     | 4.2     | 4.9     | 13.2           | 15.9    | +20                                      |
| Nebraska .....              | 11.8                               | 5.4     | 5.7     | 11.4    | 23.6    | 9.9     | 40.0           | 55.9    | +40                                      |
| Nevada .....                | 5.7                                | 6.1     | 5.4     | 7.9     | 6.1     | 9.8     | 29.8           | 35.3    | +18                                      |
| New Hampshire .....         | 2.7                                | 1.8     | 1.5     | 3.6     | 2.8     | 5.4     | 11.2           | 15.1    | +35                                      |
| New Jersey .....            | 80.0                               | 40.6    | 42.9    | 87.7    | 92.4    | 92.7    | 298.6          | 356.4   | +19                                      |
| New Mexico .....            | 12.9                               | 12.5    | 11.7    | 11.9    | 15.9    | 14.5    | 50.7           | 66.5    | +31                                      |
| New York .....              | 147.8                              | 134.5   | 208.4   | 219.1   | 187.6   | 172.3   | 546.0          | 911.3   | +67                                      |
| North Carolina .....        | 26.3                               | 18.6    | 18.5    | 24.0    | 22.3    | 23.4    | 100.8          | 106.7   | +6                                       |
| North Dakota .....          | 4.6                                | .5      | .3      | 2.0     | 7.4     | 4.8     | 12.4           | 15.1    | +22                                      |
| Ohio .....                  | 98.2                               | 46.4    | 60.8    | 99.9    | 137.7   | 127.8   | 395.6          | 472.6   | +19                                      |
| Oklahoma .....              | 13.2                               | 12.4    | 15.2    | 31.4    | 18.7    | 18.1    | 76.4           | 95.8    | +25                                      |
| Oregon .....                | 18.4                               | 11.3    | 12.8    | 16.9    | 20.8    | 16.3    | 85.5           | 78.1    | -9                                       |
| Pennsylvania .....          | 65.7                               | 54.1    | 51.7    | 75.7    | 78.1    | 78.6    | 254.4          | 338.2   | +33                                      |
| Rhode Island .....          | 4.6                                | 3.0     | 2.5     | 6.0     | 5.6     | 7.8     | 17.2           | 24.9    | +45                                      |
| South Carolina .....        | 9.3                                | 7.9     | 6.2     | 6.7     | 7.4     | 6.7     | 31.2           | 35.0    | +12                                      |
| South Dakota .....          | 3.6                                | 1.4     | 1.5     | 3.3     | 6.0     | 4.4     | 12.5           | 16.7    | +34                                      |
| Tennessee .....             | 24.5                               | 17.9    | 19.5    | 26.6    | 24.6    | 25.1    | 101.8          | 113.5   | +11                                      |
| Texas .....                 | 103.7                              | 102.5   | 95.9    | 117.1   | 114.4   | 107.3   | 465.2          | 537.2   | +15                                      |
| Utah .....                  | 16.7                               | 5.9     | 8.5     | 21.8    | 15.0    | 14.7    | 70.5           | 65.9    | -7                                       |
| Vermont .....               | .7                                 | .2      | .4      | .4      | .6      | .9      | 2.8            | 2.5     | -11                                      |
| Virginia .....              | 38.5                               | 35.5    | 40.0    | 50.4    | 58.8    | 52.1    | 165.2          | 236.8   | +43                                      |
| Washington .....            | 45.8                               | 40.5    | 30.5    | 44.6    | 53.2    | 57.0    | 165.6          | 225.8   | +36                                      |
| West Virginia .....         | 6.4                                | 5.8     | 3.2     | 6.1     | 7.0     | 17.5    | 33.7           | 39.5    | +17                                      |
| Wisconsin .....             | 46.7                               | 18.1    | 17.8    | 28.0    | 55.2    | 56.0    | 157.8          | 175.0   | +11                                      |
| Wyoming .....               | 3.2                                | 1.5     | 2.4     | 2.9     | 3.1     | 2.2     | 11.3           | 12.1    | +7                                       |

Source: Department of Commerce, Bureau of the Census.



Table C-6: Building Permit Activity: Number of New Dwelling Units, by Metropolitan-Nonmetropolitan Location and by State

| State                       | (Housekeeping units only) |        |        |         |         |         |                |         | Percent<br>change,<br>1st 5 mos.<br>1958-59 |
|-----------------------------|---------------------------|--------|--------|---------|---------|---------|----------------|---------|---|
|                             | 1958                      | 1959   |        |         |         |         | First 5 months |         |   |
|                             | May                       | Jan.   | Feb.   | Mar.    | Apr.    | May     | 1958           | 1959    |   |
| ALL STATES .....            | 92,083                    | 71,562 | 72,324 | 109,514 | 120,482 | 113,566 | 357,598        | 486,965 | + 36  |
| Metropolitan areas .....    | 71,182                    | 55,986 | 55,493 | 85,339  | 93,809  | 88,012  | 276,199        | 378,156 | + 37  |
| Nonmetropolitan areas ..... | 20,901                    | 15,576 | 16,831 | 24,175  | 26,673  | 25,554  | 81,399         | 108,809 | + 34  |
| Alabama .....               | 1,649                     | 1,542  | 1,545  | 1,847   | 1,777   | 2,722   | 6,807          | 9,433   | + 39  |
| Arizona .....               | 1,766                     | 2,273  | 2,230  | 2,447   | 2,532   | 2,070   | 8,089          | 11,552  | + 43  |
| Arkansas .....              | 376                       | 359    | 305    | 448     | 409     | 296     | 1,807          | 1,817   | + 1   |
| California .....            | 16,233                    | 16,868 | 15,434 | 24,424  | 23,462  | 25,256  | 70,764         | 105,444 | + 49  |
| Colorado .....              | 2,760                     | 977    | 1,136  | 1,789   | 1,333   | 1,511   | 7,498          | 6,746   | -10   |
| Connecticut .....           | 1,252                     | 791    | 901    | 1,399   | 1,688   | 2,125   | 4,560          | 6,904   | + 51  |
| Delaware .....              | 322                       | 56     | 99     | 447     | 227     | 431     | 1,387          | 1,260   | - 9   |
| District of Columbia .....  | 121                       | 107    | 76     | 33      | 138     | 58      | 1,736          | 412     | -76   |
| Florida .....               | 4,819                     | 4,973  | 5,887  | 5,660   | 5,621   | 5,324   | 26,397         | 27,465  | + 4   |
| Georgia .....               | 1,405                     | 1,791  | 1,527  | 2,027   | 2,158   | 1,805   | 7,203          | 9,308   | + 29  |
| Idaho .....                 | 225                       | 106    | 145    | 185     | 236     | 208     | 772            | 880     | + 14  |
| Illinois .....              | 4,356                     | 1,979  | 2,337  | 5,550   | 7,863   | 6,483   | 17,280         | 24,212  | + 40  |
| Indiana .....               | 1,525                     | 686    | 663    | 1,636   | 1,946   | 1,935   | 5,455          | 6,866   | + 26  |
| Iowa .....                  | 963                       | 321    | 282    | 748     | 1,136   | 862     | 2,645          | 3,349   | + 27  |
| Kansas .....                | 672                       | 401    | 619    | 982     | 704     | 775     | 2,834          | 3,481   | + 23  |
| Kentucky .....              | 711                       | 474    | 713    | 1,028   | 1,241   | 876     | 3,072          | 4,332   | + 41  |
| Louisiana .....             | 1,388                     | 1,208  | 1,198  | 1,718   | 1,614   | 1,314   | 5,981          | 7,052   | + 18  |
| Maine .....                 | 123                       | 12     | 16     | 52      | 156     | 176     | 345            | 412     | + 19  |
| Maryland .....              | 2,245                     | 1,904  | 1,881  | 2,417   | 3,315   | 2,950   | 8,625          | 12,467  | + 45  |
| Massachusetts .....         | 1,577                     | 767    | 613    | 1,308   | 2,437   | 2,453   | 5,531          | 7,578   | + 37  |
| Michigan .....              | 3,396                     | 1,673  | 1,522  | 3,836   | 4,353   | 3,613   | 11,741         | 14,997  | + 28  |
| Minnesota .....             | 2,002                     | 698    | 726    | 1,310   | 2,761   | 2,037   | 5,940          | 7,532   | + 27  |
| Mississippi .....           | 267                       | 502    | 225    | 383     | 369     | 351     | 1,271          | 1,830   | + 44  |
| Missouri .....              | 1,744                     | 1,951  | 1,869  | 1,548   | 2,133   | 1,673   | 5,428          | 9,174   | + 69  |
| Montana .....               | 185                       | 44     | 38     | 252     | 234     | 227     | 688            | 795     | + 16  |
| Nebraska .....              | 398                       | 171    | 264    | 717     | 732     | 720     | 1,584          | 2,604   | + 64  |
| Nevada .....                | 129                       | 371    | 218    | 347     | 172     | 388     | 893            | 1,496   | + 68  |
| New Hampshire .....         | 116                       | 61     | 49     | 233     | 211     | 263     | 516            | 817     | + 58  |
| New Jersey .....            | 4,772                     | 1,869  | 2,225  | 5,470   | 4,615   | 4,662   | 14,151         | 18,841  | + 33  |
| New Mexico .....            | 888                       | 829    | 828    | 901     | 990     | 711     | 3,440          | 4,259   | + 24  |
| New York .....              | 8,623                     | 7,082  | 7,210  | 9,525   | 11,369  | 9,452   | 25,128         | 44,155  | + 76  |
| North Carolina .....        | 1,012                     | 860    | 996    | 1,311   | 1,268   | 1,072   | 4,802          | 5,507   | + 15  |
| North Dakota .....          | 225                       | 23     | 20     | 102     | 324     | 261     | 581            | 730     | + 26  |
| Ohio .....                  | 3,983                     | 1,967  | 2,467  | 4,445   | 6,341   | 5,741   | 16,112         | 20,961  | + 30  |
| Oklahoma .....              | 725                       | 785    | 901    | 933     | 981     | 953     | 3,174          | 4,553   | + 43  |
| Oregon .....                | 544                       | 446    | 516    | 758     | 779     | 754     | 2,202          | 3,253   | + 48  |
| Pennsylvania .....          | 2,758                     | 1,616  | 1,769  | 3,732   | 3,757   | 2,984   | 9,469          | 13,858  | + 46  |
| Rhode Island .....          | 204                       | 104    | 118    | 280     | 346     | 250     | 757            | 1,098   | + 45  |
| South Carolina .....        | 289                       | 371    | 383    | 457     | 426     | 400     | 1,381          | 2,037   | + 48  |
| South Dakota .....          | 145                       | 85     | 53     | 181     | 254     | 180     | 456            | 753     | + 65  |
| Tennessee .....             | 1,558                     | 1,108  | 1,361  | 1,609   | 1,899   | 1,787   | 5,495          | 7,844   | + 43  |
| Texas .....                 | 6,081                     | 6,435  | 5,697  | 7,314   | 6,962   | 5,791   | 26,843         | 32,199  | + 20  |
| Utah .....                  | 652                       | 307    | 399    | 824     | 869     | 924     | 2,468          | 3,323   | + 35  |
| Vermont .....               | 35                        | 1      | 4      | 29      | 34      | 23      | 101            | 91      | -10   |
| Virginia .....              | 2,358                     | 1,341  | 2,484  | 2,773   | 3,425   | 3,076   | 8,681          | 13,099  | + 51  |
| Washington .....            | 2,045                     | 2,197  | 1,352  | 2,085   | 2,025   | 3,032   | 7,191          | 10,691  | + 63  |
| West Virginia .....         | 161                       | 100    | 157    | 279     | 337     | 280     | 903            | 1,153   | + 28  |
| Wisconsin .....             | 2,071                     | 880    | 797    | 1,509   | 2,370   | 2,192   | 6,748          | 7,748   | + 15  |
| Wyoming .....               | 229                       | 90     | 69     | 146     | 153     | 139     | 666            | 597     | -10   |

Source: Department of Commerce, Bureau of the Census.

Table C-7: Building Permit Activity: Valuation, in Selected Metropolitan Areas

| Metropolitan area                  | Valuation (in millions of dollars) |       |       |       |       |       |                |       | Percent change, 1st 5 mos. 1958-59 |
|------------------------------------|------------------------------------|-------|-------|-------|-------|-------|----------------|-------|------------------------------------|
|                                    | 1958                               | 1959  |       |       |       |       | First 5 months |       |                                    |
|                                    | May                                | Jan.  | Feb.  | Mar.  | Apr.  | May   | 1958           | 1959  |                                    |
| Atlanta, Ga.                       | 20.1                               | 17.7  | 28.8  | 16.3  | 16.2  | 20.7  | 91.4           | 99.7  | + 9                                |
| Baltimore, Md.                     | 18.2                               | 14.4  | 13.5  | 23.4  | 40.9  | 24.4  | 88.4           | 116.6 | + 32                               |
| Birmingham, Ala.                   | 7.0                                | 6.9   | 7.1   | 9.1   | 8.8   | 14.0  | 38.1           | 46.0  | + 21                               |
| Boston, Mass.                      | 27.6                               | 11.1  | 16.4  | 74.6  | 26.6  | 26.8  | 91.5           | 155.4 | + 70                               |
| Buffalo, N. Y.                     | 14.4                               | 6.1   | 5.8   | 9.8   | 11.7  | 19.1  | 54.7           | 52.5  | - 4                                |
| Chicago, Ill.                      | 122.4                              | 50.3  | 59.6  | 106.3 | 134.6 | 129.8 | 420.3          | 480.6 | + 14                               |
| Cleveland, Ohio                    | 23.1                               | 15.6  | 15.3  | 24.2  | 32.1  | 38.2  | 106.6          | 125.5 | + 18                               |
| Columbus, Ohio                     | 16.4                               | 6.5   | 12.7  | 15.1  | 21.3  | 17.0  | 70.1           | 72.7  | + 4                                |
| Denver, Colo.                      | 13.9                               | 18.8  | 11.4  | 18.5  | 60.3  | 21.1  | 65.1           | 130.1 | +100                               |
| Detroit, Mich.                     | 46.8                               | 25.5  | 23.2  | 48.7  | 49.1  | 48.2  | 167.9          | 194.7 | + 16                               |
| Indianapolis, Ind.                 | 10.6                               | 3.7   | 4.5   | 11.0  | 12.1  | 11.4  | 42.9           | 42.7  | ( <sup>1</sup> )                   |
| Los Angeles-Long Beach, Calif.     | 142.7                              | 122.4 | 124.4 | 181.7 | 167.8 | 193.8 | 632.8          | 790.1 | + 25                               |
| Miami, Fla.                        | 26.0                               | 27.9  | 33.5  | 24.4  | 25.0  | 19.4  | 117.8          | 130.2 | + 11                               |
| Milwaukee, Wis.                    | 15.2                               | 9.8   | 9.0   | 13.4  | 15.5  | 23.1  | 57.1           | 70.8  | + 24                               |
| New York-Northeastern New Jersey.. | 162.5                              | 148.7 | 216.9 | 248.4 | 205.5 | 188.4 | 575.9          | 997.4 | + 73                               |
| Norfolk-Portsmouth, Va.            | 6.0                                | 4.0   | 5.6   | 7.2   | 7.8   | 13.2  | 30.3           | 37.8  | + 25                               |
| Philadelphia, Pa.                  | 46.9                               | 29.8  | 37.8  | 45.2  | 45.9  | 46.9  | 162.8          | 205.6 | + 26                               |
| Phoenix, Ariz.                     | 15.7                               | 16.8  | 17.2  | 22.4  | 30.2  | 20.9  | 77.0           | 107.5 | + 40                               |
| Rochester, N. Y.                   | 6.8                                | 2.4   | 2.8   | 5.2   | 8.4   | 7.7   | 24.1           | 26.3  | + 9                                |
| Salt Lake City, Utah               | 8.6                                | 3.1   | 2.9   | 12.3  | 7.3   | 6.7   | 40.1           | 32.3  | - 19                               |
| San Diego, Calif.                  | 29.8                               | 36.3  | 33.5  | 35.5  | 38.5  | 40.6  | 131.8          | 184.4 | + 40                               |
| San Francisco-Oakland, Calif.      | 42.9                               | 43.5  | 41.2  | 52.6  | 48.8  | 58.1  | 205.9          | 244.3 | + 19                               |
| Seattle, Wash.                     | 19.3                               | 32.6  | 19.2  | 21.5  | 22.8  | 25.7  | 86.5           | 121.8 | + 41                               |
| Washington, D. C.                  | 94.4                               | 38.3  | 26.4  | 52.8  | 55.9  | 37.5  | 204.3          | 210.9 | + 3                                |

Source: Department of Commerce, Bureau of the Census.

<sup>1</sup> Change of less than one-half of 1 percent.

Table C-8: Building Permit Activity: Number of New Dwelling Units, in Selected Metropolitan Areas

(Housekeeping only)

| Metropolitan area                | 1958  | 1959  |       |        |        |        | First 5 months |        | Percent change, 1st 5 mos. 1958-59 |
|----------------------------------|-------|-------|-------|--------|--------|--------|----------------|--------|------------------------------------|
|                                  | May   | Jan.  | Feb.  | Mar.   | Apr.   | May    | 1958           | 1959   |                                    |
|                                  | May   | Jan.  | Feb.  | Mar.   | Apr.   | May    | 1958           | 1959   |                                    |
| Atlanta, Ga.                     | 869   | 1,072 | 860   | 1,190  | 1,415  | 1,084  | 3,993          | 5,621  | + 41                               |
| Baltimore, Md.                   | 1,080 | 744   | 940   | 860    | 1,220  | 1,208  | 4,287          | 4,972  | + 16                               |
| Birmingham, Ala.                 | 484   | 627   | 475   | 644    | 595    | 1,401  | 2,581          | 3,742  | + 45                               |
| Boston, Mass.                    | 804   | 271   | 266   | 551    | 1,119  | 1,238  | 2,667          | 3,445  | + 29                               |
| Buffalo, N. Y.                   | 758   | 153   | 227   | 492    | 746    | 729    | 2,175          | 2,347  | + 8                                |
| Chicago, Ill.                    | 3,693 | 1,835 | 2,103 | 4,941  | 7,187  | 5,813  | 15,059         | 21,879 | + 45                               |
| Cleveland, Ohio                  | 750   | 592   | 750   | 973    | 1,228  | 1,463  | 3,324          | 5,006  | + 51                               |
| Columbus, Ohio                   | 729   | 288   | 344   | 763    | 1,285  | 859    | 3,049          | 3,539  | + 16                               |
| Denver, Colo.                    | 1,077 | 648   | 815   | 1,219  | 854    | 1,079  | 4,466          | 4,615  | + 3                                |
| Detroit, Mich.                   | 1,872 | 1,061 | 1,050 | 2,601  | 2,332  | 2,160  | 6,886          | 9,204  | + 34                               |
| Indianapolis, Ind.               | 491   | 208   | 238   | 517    | 517    | 709    | 1,805          | 2,189  | + 21                               |
| Los Angeles-Long Beach, Calif.   | 6,725 | 6,231 | 5,733 | 9,992  | 9,324  | 9,989  | 31,929         | 41,269 | + 29                               |
| Miami, Fla.                      | 1,532 | 1,127 | 1,527 | 1,495  | 1,547  | 1,118  | 7,786          | 6,814  | - 12                               |
| Milwaukee, Wis.                  | 768   | 470   | 342   | 681    | 683    | 631    | 2,672          | 2,807  | + 5                                |
| New York-Northeastern New Jersey | 9,769 | 7,881 | 7,872 | 12,030 | 11,848 | 10,304 | 28,342         | 49,452 | + 74                               |
| Norfolk-Portsmouth, Va.          | 386   | 168   | 371   | 387    | 475    | 828    | 1,467          | 2,229  | + 52                               |
| Philadelphia, Pa.                | 2,369 | 1,391 | 1,408 | 2,617  | 2,191  | 2,174  | 6,729          | 9,781  | + 45                               |
| Phoenix, Ariz.                   | 1,338 | 1,489 | 1,443 | 1,603  | 2,206  | 1,728  | 6,525          | 8,469  | + 30                               |
| Rochester, N. Y.                 | 341   | 108   | 104   | 348    | 369    | 382    | 955            | 1,311  | + 37                               |
| Salt Lake City, Utah             | 282   | 124   | 140   | 411    | 420    | 424    | 1,271          | 1,519  | + 20                               |
| San Diego, Calif.                | 1,977 | 2,088 | 2,435 | 2,427  | 2,582  | 3,021  | 8,254          | 12,553 | + 52                               |
| San Francisco-Oakland, Calif.    | 2,254 | 2,401 | 1,647 | 3,359  | 2,625  | 3,185  | 8,459          | 13,217 | + 56                               |
| Seattle, Wash.                   | 933   | 1,782 | 871   | 1,147  | 1,158  | 1,377  | 3,876          | 6,335  | + 63                               |
| Washington, D. C.                | 1,789 | 1,356 | 1,554 | 1,999  | 3,014  | 2,326  | 7,408          | 10,249 | + 38                               |

Source: Department of Commerce, Bureau of the Census.

Table C-9: Building Permit Activity: Valuation in Selected Metropolitan Areas  
by Type of Building Construction

First 5 months 1959 (thousands of dollars)

| Type of building construction          | Atlanta, Ga.           | Baltimore Md.     | Birmingham, Ala.    | Boston, Mass.                  | Buffalo, N. Y.       | Chicago, Ill.                        | Cleveland, Ohio                  | Columbus, Ohio          |
|--|------------------------|-------------------|---------------------|--------------------------------|----------------------|--------------------------------------|----------------------------------|-------------------------|
| All building construction <sup>1</sup> | 99,722                 | 116,566           | 46,021              | 155,432                        | 52,464               | 480,596                              | 125,486                          | 72,681                  |
| New dwelling units <sup>2</sup>        | 47,516                 | 54,209            | 32,314              | 41,633                         | 25,622               | 309,765                              | 76,001                           | 48,671                  |
| New nonresidential building            | 45,278                 | 54,424            | 9,015               | 95,015                         | 22,237               | 128,050                              | 38,860                           | 16,679                  |
| Commercial buildings                   | 19,316                 | 9,513             | 5,707               | 68,084                         | 4,745                | 31,470                               | 14,387                           | 5,756                   |
| Amusement buildings                    | 999                    | 2,878             | 89                  | 974                            | 775                  | 3,661                                | 630                              | 355                     |
| Commercial garages                     | 662                    | 202               | 420                 | 117                            | 165                  | 239                                  | 67                               | 0                       |
| Gasoline and service stations          | 473                    | 502               | 146                 | 389                            | 452                  | 2,155                                | 318                              | 217                     |
| Office buildings                       | 6,537                  | 2,191             | 1,597               | 63,046                         | 1,116                | 5,690                                | 4,605                            | 2,327                   |
| Stores and other mercantile bldgs.     | 10,645                 | 3,740             | 3,455               | 3,557                          | 2,236                | 19,724                               | 8,768                            | 2,858                   |
| Community buildings                    | 14,134                 | 23,234            | 1,454               | 18,471                         | 10,142               | 46,817                               | 15,612                           | 8,469                   |
| Educational buildings                  | 4,072                  | 11,344            | 0                   | 12,872                         | 7,639                | 20,607                               | 6,406                            | 2,013                   |
| Institutional buildings                | 6,816                  | 8,000             | 225                 | 3,644                          | 300                  | 18,408                               | 5,006                            | 5,943                   |
| Religious buildings                    | 3,246                  | 3,890             | 1,229               | 1,955                          | 2,202                | 7,801                                | 4,201                            | 513                     |
| Garages, private residential           | 124                    | 272               | 164                 | 419                            | 1,004                | 7,630                                | 1,954                            | 826                     |
| Industrial buildings                   | 3,629                  | 2,861             | 990                 | 4,872                          | 2,510                | 30,471                               | 3,897                            | 581                     |
| Public utilities buildings             | 6,277                  | 6,490             | 189                 | 2,388                          | 1,246                | 3,601                                | 900                              | 144                     |
| All other nonresidential buildings     | 1,798                  | 12,053            | 511                 | 781                            | 2,590                | 8,061                                | 2,110                            | 903                     |
| Additions and alterations              | 6,928                  | 7,386             | 4,618               | 18,085                         | 4,419                | 39,216                               | 10,319                           | 4,895                   |
|  | Denver, Colo.          | Detroit, Mich.    | Indianapolis, Ind.  | Los Angeles-Long Beach, Calif. | Miami, Fla.          | Milwaukee, Wis.                      | New York-Northeastern New Jersey | Norfolk-Portsmouth, Va. |
| All building construction <sup>1</sup> | 130,134                | 194,703           | 42,707              | 790,114                        | 130,189              | 70,813                               | 997,398                          | 37,810                  |
| New dwelling units <sup>2</sup>        | 52,142                 | 117,275           | 27,716              | 424,647                        | 61,653               | 35,765                               | 521,699                          | 24,496                  |
| New nonresidential building            | 65,157                 | 56,266            | 9,566               | 266,380                        | 46,581               | 27,449                               | 391,050                          | 9,241                   |
| Commercial buildings                   | 11,612                 | 18,579            | 1,860               | 94,134                         | 15,127               | 5,193                                | 224,881                          | 3,668                   |
| Amusement buildings                    | 501                    | 1,762             | 101                 | 9,129                          | 571                  | 1,476                                | 16,081                           | 426                     |
| Commercial garages                     | 49                     | 1,091             | 11                  | 1,024                          | 0                    | 107                                  | 6,617                            | 0                       |
| Gasoline and service stations          | 626                    | 1,781             | 168                 | 2,614                          | 869                  | 318                                  | 2,345                            | 113                     |
| Office buildings                       | 2,144                  | 3,985             | 760                 | 47,874                         | 5,563                | 562                                  | 168,834                          | 441                     |
| Stores and other mercantile bldgs.     | 8,292                  | 9,959             | 821                 | 33,494                         | 10,123               | 2,731                                | 31,005                           | 2,688                   |
| Community buildings                    | 5,438                  | 19,508            | 3,341               | 91,853                         | 18,546               | 17,618                               | 112,293                          | 1,684                   |
| Educational buildings                  | 3,358                  | 11,058            | 2,018               | 63,699                         | 9,619                | 12,746                               | 76,017                           | 235                     |
| Institutional buildings                | 1,335                  | 3,525             | 70                  | 15,494                         | 7,655                | 2,537                                | 22,361                           | 860                     |
| Religious buildings                    | 745                    | 4,925             | 1,253               | 12,660                         | 1,272                | 2,315                                | 13,915                           | 589                     |
| Garages, private residential           | 760                    | 6,996             | 568                 | 3,050                          | 365                  | 1,321                                | 4,086                            | 265                     |
| Industrial buildings                   | 4,748                  | 6,117             | 3,218               | 34,117                         | 3,022                | 2,399                                | 34,508                           | 2,244                   |
| Public utilities buildings             | 863                    | 3,795             | 335                 | 9,761                          | 6,176                | 0                                    | 5,614                            | 131                     |
| All other nonresidential buildings     | 41,736                 | 1,270             | 243                 | 33,464                         | 3,346                | 918                                  | 9,668                            | 1,249                   |
| Additions and alterations              | 6,664                  | 19,824            | 3,575               | 94,545                         | 15,921               | 6,857                                | 75,087                           | 4,068                   |
|  | Philadel-<br>phia, Pa. | Phoenix,<br>Ariz. | Rochester,<br>N. Y. | Salt Lake<br>City,<br>Utah     | San Diego,<br>Calif. | San Francisco-<br>Oakland,<br>Calif. | Seattle,<br>Wash.                | Washington,<br>D. C.    |
| All building construction <sup>1</sup> | 205,561                | 107,519           | 26,335              | 32,339                         | 184,433              | 244,293                              | 121,784                          | 210,940                 |
| New dwelling units <sup>2</sup>        | 107,530                | 73,882            | 17,120              | 18,078                         | 132,197              | 144,249                              | 75,908                           | 114,135                 |
| New nonresidential building            | 71,416                 | 26,271            | 6,802               | 12,167                         | 41,486               | 70,968                               | 34,358                           | 82,900                  |
| Commercial buildings                   | 22,416                 | 17,076            | 1,252               | 3,052                          | 17,325               | 29,393                               | 11,028                           | 43,127                  |
| Amusement buildings                    | 3,052                  | 830               | 207                 | 616                            | 2,376                | 2,968                                | 1,123                            | 1,812                   |
| Commercial garages                     | 1,145                  | 22                | 0                   | 0                              | 1,420                | 966                                  | 1,191                            | 862                     |
| Gasoline and service stations          | 1,146                  | 620               | 247                 | 188                            | 242                  | 614                                  | 727                              | 698                     |
| Office buildings                       | 4,185                  | 9,685             | 0                   | 684                            | 2,483                | 14,159                               | 3,301                            | 23,658                  |
| Stores and other mercantile bldgs.     | 12,887                 | 5,919             | 798                 | 1,563                          | 10,804               | 10,685                               | 4,686                            | 16,098                  |
| Community buildings                    | 36,370                 | 5,460             | 2,497               | 1,054                          | 15,060               | 14,332                               | 15,643                           | 22,876                  |
| Educational buildings                  | 17,810                 | 3,785             | 1,047               | 281                            | 10,659               | 6,428                                | 10,256                           | 13,781                  |
| Institutional buildings                | 15,761                 | 199               | 675                 | 0                              | 2,677                | 4,427                                | 3,006                            | 6,871                   |
| Religious buildings                    | 2,798                  | 1,477             | 775                 | 773                            | 1,723                | 3,478                                | 2,381                            | 2,224                   |
| Garages, private residential           | 1,327                  | 128               | 614                 | 348                            | 1,185                | 744                                  | 372                              | 264                     |
| Industrial buildings                   | 6,471                  | 2,148             | 1,804               | 3,459                          | 4,040                | 10,125                               | 4,668                            | 793                     |
| Public utilities buildings             | 688                    | 29                | 277                 | 3,581                          | 846                  | 6,083                                | 532                              | 6,729                   |
| All other nonresidential buildings     | 4,144                  | 1,431             | 358                 | 674                            | 3,030                | 10,290                               | 2,116                            | 9,112                   |
| Additions and alterations              | 24,089                 | 5,911             | 2,403               | 2,094                          | 7,570                | 28,229                               | 10,149                           | 13,012                  |

Source: Department of Commerce, Bureau of the Census.

<sup>1</sup> Includes new nonhousekeeping residential building, not shown separately.<sup>2</sup> Housekeeping only.



## Part D-Contracts

Table D-1: Contract Awards: Public Construction, by Ownership and Type of Construction<sup>1</sup>

| Ownership and<br>type of construction   | Value (in millions of dollars) |       |                  |         |         |         |         |                |         | Percent<br>change,<br>first 7<br>months<br>1958-59 |
|---|--------------------------------|-------|------------------|---------|---------|---------|---------|----------------|---------|--|
|   | 1958                           | 1959  |                  |         |         |         |         | First 7 months |         |  |
|   | July                           | Feb.  | Mar.             | Apr.    | May     | June    | July    | 1958           | 1959    |  |
| TOTAL PUBLIC CONSTRUCTION .....         | 1,252.1                        | 718.4 | 1,058.0          | 1,040.6 | 1,089.3 | 1,388.5 | 1,021.9 | 8,299.0        | 7,164.0 | -14  |
| FEDERALLY OWNED <sup>2</sup> .....      | 166.8                          | 111.1 | 345.8            | 224.0   | 194.1   | 371.9   | 103.5   | 2,041.9        | 1,486.8 | -27  |
| Residential buildings .....             | 42.4                           | 0.7   | 22.7             | 20.5    | 28.6    | 38.2    | 25.5    | 357.8          | 139.4   | -61  |
| Nonresidential buildings .....          | 44.8                           | 37.1  | 110.3            | 76.9    | 85.4    | 170.0   | 58.3    | 736.3          | 611.4   | -17  |
| Educational .....                       | 1.8                            | 2.9   | 0.1              | 8.6     | 1.2     | 11.8    | 1.7     | 36.7           | 27.6    | -25  |
| Hospital and institutional .....        | .4                             | 3.0   | ( <sup>3</sup> ) | 5.0     | 2.7     | 17.2    | 8.2     | 67.3           | 48.7    | -28  |
| Administrative and service .....        | 14.0                           | 4.1   | 56.0             | 9.7     | 19.4    | 34.8    | 26.8    | 138.7          | 161.1   | +16  |
| Other nonresidential buildings .....    | 28.6                           | 27.1  | 54.2             | 53.6    | 62.1    | 106.2   | 21.6    | 493.6          | 374.0   | -24  |
| Airfield buildings .....                | 9.0                            | 12.6  | 26.2             | 13.9    | 12.7    | 44.8    | 10.6    | 166.0          | 143.2   | -14  |
| Troop housing .....                     | 3.9                            | 1.2   | 4.0              | 17.8    | 5.5     | 8.3     | 0       | 75.1           | 42.0    | -44  |
| Warehouses .....                        | 1.6                            | 0.7   | 2.1              | 3.3     | 3.4     | 3.6     | 1.0     | 30.7           | 15.5    | -50  |
| All other .....                         | 14.1                           | 12.6  | 21.9             | 18.6    | 40.5    | 49.5    | 10.0    | 221.8          | 173.3   | -22  |
| Airfields <sup>4</sup> .....            | 53.2                           | 17.5  | 28.3             | 72.9    | 14.9    | 47.6    | 3.7     | 397.3          | 208.6   | -47  |
| Conservation and development .....      | 6.1                            | 46.4  | 106.1            | 34.0    | 47.1    | 63.3    | 7.2     | 330.8          | 323.3   | -2   |
| Highways .....                          | 9.3                            | 0.5   | 6.5              | 6.4     | 4.3     | 12.8    | 2.0     | 70.2           | 35.7    | -49  |
| Electric power .....                    | 6.3                            | 1.7   | 54.0             | 3.9     | 9.1     | 10.4    | 2.4     | 58.8           | 85.7    | +46  |
| All other federally owned .....         | 4.7                            | 7.2   | 17.9             | 9.4     | 4.7     | 29.6    | 4.4     | 90.7           | 82.7    | -9   |
| STATE AND LOCALLY OWNED .....           | 1,085.3                        | 607.3 | 712.2            | 816.6   | 895.2   | 1,016.6 | 918.4   | 6,257.1        | 5,677.2 | -9   |
| Residential buildings .....             | 31.9                           | 16.0  | 19.9             | 46.9    | 27.5    | 37.4    | 9.5     | 300.4          | 191.9   | -36  |
| Nonresidential buildings .....          | 327.0                          | 208.6 | 279.9            | 288.5   | 281.3   | 313.7   | 295.6   | 2,174.7        | 1,893.7 | -13  |
| Educational .....                       | 225.1                          | 149.1 | 199.4            | 208.4   | 183.3   | 204.2   | 201.2   | 1,446.4        | 1,289.7 | -11  |
| Hospital and institutional .....        | 36.7                           | 29.7  | 38.3             | 27.9    | 33.4    | 35.0    | 22.5    | 231.6          | 201.9   | -13  |
| Administrative and service .....        | 35.8                           | 10.3  | 27.5             | 26.9    | 34.1    | 45.1    | 37.6    | 281.0          | 200.2   | -29  |
| Other nonresidential buildings .....    | 29.4                           | 19.5  | 14.7             | 25.3    | 30.5    | 29.4    | 34.3    | 215.7          | 201.9   | -6   |
| Highways .....                          | 525.6                          | 249.3 | 273.5            | 335.1   | 398.4   | 446.7   | 383.7   | 2,482.7        | 2,407.2 | -3   |
| Sewer and water systems .....           | 116.1                          | 106.4 | 80.7             | 94.0    | 123.3   | 133.5   | 105.2   | 658.4          | 737.5   | +12  |
| Sewer .....                             | 77.3                           | 52.5  | 56.1             | 67.8    | 67.5    | 94.8    | 76.3    | 433.5          | 466.4   | +8   |
| Water .....                             | 38.8                           | 53.9  | 24.6             | 26.2    | 55.8    | 38.7    | 28.9    | 224.9          | 271.1   | +21  |
| Public service enterprises .....        | 55.4                           | 14.3  | 36.0             | 31.7    | 38.7    | 58.8    | 100.5   | 479.9          | 295.3   | -38  |
| Electric power .....                    | 18.9                           | 7.4   | 9.4              | 17.3    | 17.6    | 37.2    | 76.7    | 338.5          | 175.1   | -48  |
| Other .....                             | 36.5                           | 6.9   | 26.6             | 14.4    | 21.1    | 21.6    | 23.8    | 141.4          | 120.2   | -15  |
| Conservation and development .....      | 9.0                            | 6.0   | 6.1              | 11.7    | 14.5    | 18.4    | 7.9     | 69.9           | 72.6    | +4   |
| All other State and locally owned ..... | 20.3                           | 6.7   | 16.1             | 8.7     | 11.5    | 8.1     | 16.0    | 91.1           | 79.0    | -13  |

Source: Department of Commerce, Bureau of the Census. <sup>1</sup>Includes major force-account projects started, principally by TVA and State highway departments. <sup>2</sup>Includes construction contracts awarded under Lease-Purchase programs which terminated with P.L. 85-844, approved August 28, 1958. <sup>3</sup>Less than \$50,000. <sup>4</sup>Beginning with January 1958, includes missile launching facilities which were previously included under all other federally owned.

Table D-2: Contract Awards: Highway Construction, by Ownership, Source of Funds, and Type of Facility<sup>1</sup>

| Ownership, source of funds,<br>and type of facility | Value (in millions of dollars) |       |       |       |       |       |       |                |         | Percent<br>change,<br>first 7<br>months<br>1958-59 |
|---|--------------------------------|-------|-------|-------|-------|-------|-------|----------------|---------|--|
|   | 1958                           | 1959  |       |       |       |       |       | First 7 months |         |  |
|   |                                | July  | Feb.  | Mar.  | Apr.  | May   | June  | July           | 1958    |  |
| ALL HIGHWAY CONSTRUCTION .....                      | 534.9                          | 249.8 | 280.0 | 341.5 | 402.7 | 459.5 | 385.7 | 2,552.9        | 2,442.9 | - 4  |
| FEDERALLY OWNED .....                               | 9.3                            | .5    | 6.5   | 6.4   | 4.3   | 12.8  | 2.0   | 70.2           | 35.7    | -49  |
| STATE OWNED .....                                   | 458.1                          | 227.9 | 243.3 | 290.5 | 336.6 | 383.7 | 328.4 | 2,159.4        | 2,104.4 | - 3  |
| Federally aided projects:                           |                                |       |       |       |       |       |       |                |         |  |
| Total value .....                                   | 368.9                          | 210.3 | 206.8 | 227.2 | 281.0 | 271.4 | 248.2 | 1,831.9        | 1,711.8 | - 7  |
| Federal funds .....                                 | 266.1                          | 156.5 | 146.6 | 162.3 | 204.9 | 185.3 | 168.8 | 1,305.1        | 1,221.8 | - 6  |
| Independent State projects:                         |                                |       |       |       |       |       |       |                |         |  |
| Total value .....                                   | 89.2                           | 17.6  | 36.5  | 63.3  | 55.6  | 112.3 | 80.2  | 327.5          | 392.6   | + 20   |
| Toll facilities .....                               | 21.1                           | 1.0   | 7.8   | ..... | 1.3   | 37.9  | .1    | 26.2           | 51.6    | + 97   |
| LOCALLY OWNED <sup>2</sup> .....                    | 67.5                           | 21.4  | 30.2  | 44.6  | 61.8  | 63.0  | 55.3  | 323.3          | 302.8   | - 6  |

Source: Departments of Commerce, Bureau of the Census. <sup>1</sup>Includes force-account work started on Federal and State projects.

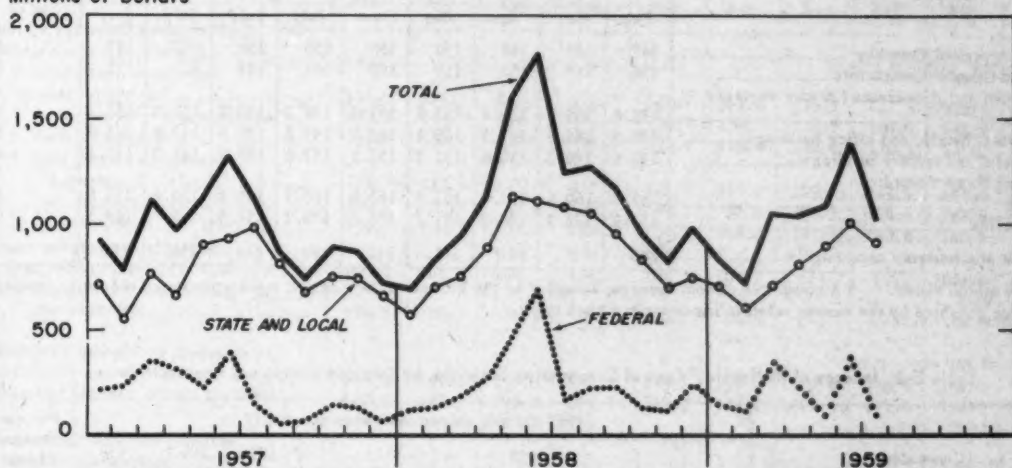
<sup>2</sup>By municipalities and counties.



Chart 7.

## Contracts Awarded for Public Construction By Ownership

Millions of Dollars



SOURCE: DEPARTMENT OF COMMERCE

CONSTRUCTION REVIEW C.D. 59-10-8

Table D-3: Value of Construction Contracts Reported by the F. W. Dodge Corporation  
(U. S. Summary, excluding Alaska)

| Type of construction        | Value (in millions of dollars) |                   |           | Percent change,<br>12 months ending<br>in July 1958-59 |
|-----------------------------|--------------------------------|-------------------|-----------|--|
|                             | July 1959                      | 12 months ending- |           |  |
|                             |                                | July 1959         | July 1958 |  |
| TOTAL .....                 | 3,657                          | 37,266            | 32,784    | - 14   |
| Building construction ..... | 2,881                          | 28,509            | 24,279    | + 17   |
| Residential .....           | 1,690                          | 17,216            | 13,346    | + 29   |
| Nonresidential .....        | 1,191                          | 11,292            | 10,934    | + 3  |
| Engineering .....           | 775                            | 8,758             | 8,424     | + 4  |
| Public works .....          | 631                            | 6,503             | 6,006     | + 8  |
| Utilities .....             | 144                            | 2,254             | 2,418     | - 7  |

Source: Table compiled by Department of Commerce from data reported by the F. W. Dodge Corporation.

Table D-4: Value of Construction Contract Awards Reported by the Engineering News-Record  
(U. S. Summary, excluding Alaska)

| Ownership and<br>type of construction      | Value (in millions of dollars) |                    |             | Percent change,<br>12 months ending<br>in Aug., 1958-59 |
|--|--------------------------------|--------------------|-------------|---|
|  | August<br>1959 <sup>1</sup>    | 12 months ending-- |             |   |
|  |                                | August 1959        | August 1958 |   |
| <b>TOTAL</b> .....                         | 1,495                          | 19,271             | 18,879      | + 2   |
| Privately owned .....                      | 778                            | 8,758              | 8,203       | + 7   |
| Publicly owned .....                       | 717                            | 10,513             | 10,676      | - 2   |
| Private industrial buildings .....         | 240                            | 2,260              | 2,056       | + 10  |
| Buildings, except private industrial ..... | 670                            | 9,144              | 9,350       | - 2   |
| Highways and bridges .....                 | 271                            | 4,257              | 3,870       | + 10  |
| Sewer systems .....                        | 51                             | 646                | 601         | + 7   |
| Water systems .....                        | 27                             | 368                | 342         | + 8   |
| Unclassified and all other .....           | 236                            | 2,600              | 2,664       | - 2   |

Source: Table compiled by Department of Commerce (BDSA) from data published by the Engineering News-Record. Data include only those projects with contract values above the following minimum sizes: Water supply, earthwork, and waterways--\$44,000; other public works--\$73,000; industrial buildings--\$93,000; other buildings--\$344,000. <sup>1</sup> Four weeks.

## Part E—Costs

Table E-1: Construction Cost Indexes

| Compiler and coverage                               | Indexes (1947-49=100) |       |       |       |       |       |       |       |       | Percent change, July 1958-59 |
|---|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|------------------------------|
|   | 1959                  |       |       |       |       |       | 1956  | 1957  | 1958  |                              |
|   | Feb.                  | Mar.  | Apr.  | May   | June  | July  | July  | July  | July  |                              |
| American Appraisal Company .....                    | 147                   | 148   | 148   | 150   | 150   | 150   | 136   | 142   | 145   | + 3                          |
| Associated General Contractors .....                | 156                   | 157   | 157   | 158   | 160   | 161   | 144   | 151   | 155   | + 4                          |
| E. H. Boeckh and Associates (20 city average):      |                       |       |       |       |       |       |       |       |       |                              |
| Residences.....                                     | 135.6                 | 135.7 | 136.4 | 137.0 | 137.9 | 138.2 | 130.3 | 132.8 | 133.2 | + 4                          |
| Apartments, hotels, and office buildings.....       | 146.5                 | 146.6 | 147.3 | 148.1 | 149.2 | 149.6 | 138.0 | 142.4 | 143.9 | + 4                          |
| Commercial and factory buildings.....               | 149.6                 | 149.7 | 150.6 | 151.3 | 152.5 | 152.8 | 139.9 | 145.2 | 147.1 | + 4                          |
| Engineering News-Record:                            |                       |       |       |       |       |       |       |       |       |                              |
| Building .....                                      | 159.7                 | 160.6 | 161.4 | 161.8 | 163.0 | 163.9 | 145.4 | 150.6 | 155.8 | + 5                          |
| Construction .....                                  | 172.9                 | 173.5 | 174.2 | 175.5 | 176.6 | 178.7 | 154.3 | 160.8 | 169.3 | + 6                          |
| Department of Commerce composite <sup>1</sup> ..... | 140                   | 140   | 140   | 141   | 142   | 142   | 133   | 138   | 138   | + 3                          |

Sources as stated above. <sup>1</sup> A composite of cost indexes, compiled by the Bureau of the Census, representative of the major types of construction weighted by the current relative importance of each type.

Table E-2: Indexes of Wholesale Prices of Construction Materials, by Selected Groups and Commodities

| Commodity  | (1947-49=100, unless otherwise specified) |       |       |       |       |       |                  |                  |       | Percent change, August 1958-59 |
|--|---|-------|-------|-------|-------|-------|------------------|------------------|-------|--------------------------------|
|  | 1959                                      |       |       |       |       |       | 1956             | 1957             | 1958  |                                |
|  | Mar.                                      | Apr.  | May   | June  | July  | Aug.  | Aug.             | Aug.             | Aug.  |                                |
| ALL CONSTRUCTION MATERIALS <sup>1</sup> .....          | 133.6                                     | 134.7 | 135.8 | 135.8 | 135.3 | 135.4 | 131.5            | 131.2            | 130.6 | + 4                            |
| Lumber and wood products:                              |   |       |       |       |       |       |                  |                  |       |                                |
| Softwoods:   |   |       |       |       |       |       |                  |                  |       |                                |
| Douglas fir .....                                      | 130.5                                     | 132.1 | 136.4 | 137.4 | 135.6 | 136.1 | 128.9            | 117.0            | 119.0 | +14                            |
| Southern pine .....                                    | 114.3                                     | 115.4 | 116.0 | 116.9 | 117.4 | 117.7 | 119.1            | 113.5            | 112.2 | + 5                            |
| Other softwoods .....                                  | 134.3                                     | 135.6 | 137.9 | 141.4 | 141.0 | 142.3 | 137.5            | 133.0            | 128.2 | +11                            |
| Hardwoods used in construction .....                   | 120.0                                     | 122.0 | 123.0 | 123.7 | 123.6 | 123.4 | 126.8            | 113.6            | 115.6 | + 7                            |
| Millwork .....   | 130.2                                     | 135.4 | 137.5 | 137.3 | 137.7 | 138.6 | 129.5            | 128.3            | 126.8 | + 9                            |
| Plywood .....  | 104.0                                     | 106.6 | 106.6 | 105.2 | 102.4 | 100.9 | 99.2             | 95.2             | 100.2 | + 1                            |
| Softwood .....   | 104.3                                     | 107.7 | 107.5 | 104.8 | 99.9  | 97.2  | 95.4             | 89.3             | 97.6  | ( <sup>3</sup> )               |
| Hardwood.....  | 105.1                                     | 106.7 | 107.0 | 107.0 | 106.8 | 106.5 | 105.2            | 103.4            | 104.5 | + 2                            |
| Building paper and board.....                          | 144.2                                     | 145.0 | 146.7 | 146.7 | 147.3 | 147.3 | 138.1            | 141.7            | 143.4 | + 3                            |
| Insulation board.....                                  | 145.2                                     | 146.4 | 148.9 | 148.9 | 149.9 | 149.9 | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 145.3 | + 3                            |
| Hardboard (Jan. 1958=100).....                         | 100.4                                     | 100.4 | 100.4 | 100.4 | 100.4 | 100.4 | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 98.6  | + 2                            |
| Prepared paint .....                                   | 128.4                                     | 128.3 | 128.3 | 128.3 | 128.3 | 128.3 | 119.1            | 128.1            | 128.2 | ( <sup>3</sup> )               |
| Metals and metal products:                             |   |       |       |       |       |       |                  |                  |       |                                |
| Finished mill and foundry products:                    |   |       |       |       |       |       |                  |                  |       |                                |
| Structural steel shapes .....                          | 199.6                                     | 199.6 | 199.6 | 199.6 | 199.6 | 199.6 | 170.5            | 192.3            | 199.6 | 0                              |
| Reinforcing bars .....                                 | 195.0                                     | 195.0 | 195.0 | 195.0 | 195.0 | 195.0 | 177.4            | 189.6            | 193.4 | + 1                            |
| Galvanized sheets, carbon .....                        | 160.4                                     | 160.4 | 160.4 | 160.4 | 160.4 | 160.4 | 153.1            | 153.1            | 159.1 | + 1                            |
| Black steel pipe, carbon .....                         | 190.9                                     | 190.9 | 190.9 | 190.9 | 190.9 | 190.9 | 176.5            | 190.3            | 196.9 | - 3                            |
| Wire nails, 8d common .....                            | 182.2                                     | 182.2 | 182.2 | 182.2 | 182.2 | 182.2 | 173.7            | 182.2            | 182.2 | 0                              |
| Copper water tubing .....                              | 152.1                                     | 152.1 | 152.1 | 152.1 | 140.3 | 139.6 | 170.1            | 146.1            | 139.8 | ( <sup>3</sup> )               |
| Building wire .....                                    | 112.3                                     | 112.3 | 128.5 | 126.7 | 126.7 | 126.7 | 156.3            | 137.4            | 95.1  | +33                            |
| Nonmetallic sheathed cable.....                        | 83.1                                      | 83.1  | 86.9  | 86.9  | 84.8  | 84.8  | 112.9            | 85.0             | 70.3  | +21                            |
| Builders' hardware:                                    |   |       |       |       |       |       |                  |                  |       |                                |
| Cabinet hinge.....                                     | 137.2                                     | 137.2 | 136.4 | 136.4 | 136.4 | 136.4 | 139.1            | 137.2            | 137.2 | - 1                            |
| Door lock sets .....                                   | 155.2                                     | 155.2 | 155.1 | 155.1 | 155.1 | 155.1 | 141.6            | 149.4            | 155.2 | ( <sup>3</sup> )               |
| Butts .....  | 168.4                                     | 168.4 | 168.4 | 168.4 | 168.4 | 168.4 | 168.4            | 168.4            | 168.4 | 0                              |
| Fabricated metal products used in construction:        |   |       |       |       |       |       |                  |                  |       |                                |
| Plumbing fixtures and brass fittings <sup>1</sup> .... | 129.2                                     | 129.8 | 130.9 | 130.9 | 130.9 | 131.0 | 134.1            | 129.0            | 119.9 | + 9                            |
| Enameled iron fixtures.....                            | 120.8                                     | 120.8 | 120.8 | 120.8 | 120.8 | 120.8 | 125.3            | 125.8            | 110.2 | +10                            |
| Vitreous china fixtures.....                           | 122.5                                     | 123.1 | 123.1 | 123.1 | 123.1 | 123.1 | 124.2            | 124.2            | 110.5 | +11                            |
| Brass fittings.....                                    | 139.7                                     | 141.1 | 144.0 | 144.0 | 144.0 | 144.0 | 143.0            | 135.7            | 130.9 | +10                            |

See footnotes at end of table.

Table E-2: Indexes of Wholesale Prices of Construction Materials, by Selected Groups and Commodities--Continued

| Commodity  | (1947-49=100, unless otherwise specified) |       |       |       |       |       |                  |                  |       | Percent<br>change,<br>August,<br>1958-59 |
|--|---|-------|-------|-------|-------|-------|------------------|------------------|-------|--|
|  | 1959                                      |       |       |       |       |       | 1956             | 1957             | 1958  |  |
|  | Mar.                                      | Apr.  | May   | June  | July  | Aug.  | Aug.             | Aug.             | Aug.  |  |
| <b>Metals and metal products--Con.</b>                         |   |       |       |       |       |       |                  |                  |       |  |
| Fabricated metal products<br>used in construction--Con.        |   |       |       |       |       |       |                  |                  |       |  |
| Heating equipment <sup>1</sup> .....                           | 121.9                                     | 121.7 | 121.7 | 121.7 | 121.7 | 121.6 | 119.1            | 122.3            | 121.2 | ( <sup>3</sup> )                         |
| Steam and hot water equipment .....                            | 154.8                                     | 154.7 | 154.7 | 154.7 | 154.7 | 154.7 | 138.5            | 148.0            | 149.9 | + 3                                      |
| Warm air furnaces.....   | 123.7                                     | 123.2 | 123.6 | 123.6 | 123.4 | 123.4 | 126.6            | 128.3            | 123.2 | ( <sup>3</sup> )                         |
| Fuel burning equipment,<br>automatic.....                      | 115.7                                     | 115.9 | 115.9 | 115.9 | 115.8 | 115.9 | 109.8            | 113.5            | 115.4 | ( <sup>3</sup> )                         |
| Water heaters, domestic .....                                  | 100.1                                     | 99.9  | 99.5  | 99.5  | 99.5  | 99.0  | 108.3            | 106.3            | 102.3 | - 3                                      |
| Metal doors, sash, and trim.....                               | 134.2                                     | 134.2 | 134.2 | 134.2 | 134.2 | 134.2 | 147.5            | 142.8            | 142.1 | - 6                                      |
| <b>Tanks and sheet metal products:</b>                         |   |       |       |       |       |       |                  |                  |       |  |
| Steel roofing ( <i>Jan. 1958=100</i> ).....                    | 104.7                                     | 104.7 | 104.7 | 104.7 | 104.7 | 104.7 | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 103.9 | + 1                                      |
| Corrugated aluminum roofing<br>( <i>Jan. 1958=100</i> ).....   | 96.3                                      | 96.3  | 96.3  | 96.3  | 96.3  | 96.3  | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 94.6  | + 2                                      |
| <b>Machinery and motive products:</b>                          |   |       |       |       |       |       |                  |                  |       |  |
| Escalators and elevators.....                                  | 139.0                                     | 139.0 | 139.0 | 139.2 | 139.2 | 139.2 | 129.9            | 138.9            | 138.9 | ( <sup>3</sup> )                         |
| Fans and blowers, except portable.....                         | 182.2                                     | 182.2 | 182.2 | 182.2 | 182.2 | 182.2 | 171.3            | 175.0            | 180.2 | + 1                                      |
| <b>Nonmetallic minerals products<br/>used in construction:</b> |   |       |       |       |       |       |                  |                  |       |  |
| <b>Flat glass:</b>   |   |       |       |       |       |       |                  |                  |       |  |
| Plate glass.....   | 144.3                                     | 144.3 | 144.3 | 145.0 | 145.0 | 145.0 | 145.7            | 145.7            | 145.0 | 0  |
| Window glass .....   | 145.3                                     | 145.3 | 145.3 | 145.3 | 145.3 | 145.3 | 145.9            | 145.9            | 145.3 | 0  |
| <b>Concrete ingredients.....</b>                               | 140.2                                     | 140.2 | 140.2 | 140.1 | 140.4 | 140.4 | 130.7            | 136.5            | 139.1 | + 1                                      |
| Sand, gravel, and crushed stone .....                          | 129.8                                     | 129.7 | 129.7 | 129.5 | 130.0 | 130.1 | 122.6            | 127.2            | 128.5 | + 1                                      |
| Portland cement.....   | 152.2                                     | 152.2 | 152.2 | 152.2 | 152.2 | 152.2 | 139.8            | 147.2            | 150.7 | + 1                                      |
| <b>Concrete products .....</b>                                 | 129.3                                     | 129.4 | 129.7 | 129.7 | 129.9 | 129.7 | 123.4            | 126.4            | 128.1 | + 1                                      |
| Building block .....   | 116.7                                     | 116.9 | 116.7 | 116.8 | 118.0 | 117.8 | 116.1            | 119.1            | 117.2 | + 1                                      |
| Concrete pipe.....   | 159.6                                     | 159.6 | 159.6 | 159.6 | 159.2 | 159.2 | 144.5            | 147.6            | 153.6 | + 4                                      |
| Ready-mixed concrete<br>( <i>Jan. 1958=100</i> ) .....         | 101.2                                     | 101.3 | 101.7 | 101.7 | 101.7 | 101.6 | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 100.6 | + 1                                      |
| <b>Structural clay products .....</b>                          | 138.6                                     | 138.7 | 139.0 | 139.3 | 139.6 | 139.5 | 133.6            | 135.1            | 135.8 | + 3                                      |
| Building brick.....  | 138.2                                     | 138.5 | 139.1 | 139.1 | 139.6 | 139.4 | 133.8            | 134.5            | 135.3 | + 3                                      |
| Clay tile .....  | 130.7                                     | 130.7 | 130.7 | 130.7 | 130.7 | 130.7 | 127.4            | 127.4            | 128.5 | + 2                                      |
| Clay sewer pipe.....   | 162.7                                     | 162.7 | 162.7 | 164.8 | 165.6 | 165.6 | 149.2            | 156.8            | 158.4 | + 5                                      |
| <b>Gypsum products .....</b>                                   | 133.1                                     | 133.1 | 133.1 | 133.1 | 133.1 | 133.1 | 127.1            | 127.1            | 133.1 | 0  |
| Lath.....  | 128.6                                     | 128.6 | 128.6 | 128.6 | 128.6 | 128.6 | 123.5            | 123.8            | 128.6 | 0  |
| Wallboard.....   | 130.4                                     | 130.4 | 130.4 | 130.4 | 130.4 | 130.4 | 124.9            | 124.9            | 130.4 | 0  |
| Plaster.....   | 144.6                                     | 144.6 | 144.6 | 144.6 | 144.6 | 144.6 | 136.2            | 136.2            | 144.6 | 0  |
| Prepared asphalt roofing .....                                 | 119.4                                     | 126.4 | 126.4 | 113.6 | 111.9 | 111.9 | 117.5            | 125.8            | 103.3 | + 8                                      |
| <b>Other nonmetallic minerals.....</b>                         | 137.2                                     | 137.2 | 136.9 | 136.9 | 136.9 | 136.9 | 125.9            | 130.9            | 134.1 | + 2                                      |
| Insulation materials.....                                      | 103.6                                     | 103.6 | 102.9 | 102.9 | 102.9 | 102.9 | 100.9            | 103.1            | 104.0 | - 1                                      |
| Asbestos cement shingles .....                                 | 167.0                                     | 167.0 | 167.0 | 167.0 | 167.0 | 167.0 | 148.5            | 155.4            | 160.8 | + 4                                      |
| <b>Miscellaneous products:</b>                                 |   |       |       |       |       |       |                  |                  |       |  |
| Kitchen cabinets, metal, base only.....                        | 151.6                                     | 151.6 | 151.6 | 151.6 | 151.6 | 151.6 | 135.6            | 142.0            | 151.2 | ( <sup>3</sup> )                         |
| Linoleum, inlaid.....  | 130.5                                     | 130.5 | 130.5 | 130.5 | 130.5 | 130.5 | 127.2            | 125.6            | 128.6 | + 1                                      |
| Asphalt floor tile.....  | 98.4                                      | 98.4  | 98.4  | 98.4  | 98.4  | 98.4  | 106.3            | 95.3             | 99.6  | - 1                                      |
| Rubber floor tire.....   | 114.9                                     | 114.9 | 114.9 | 114.9 | 114.9 | 114.9 | 110.6            | 113.3            | 114.9 | 0  |

Source: Department of Labor, Bureau of Labor Statistics.

<sup>1</sup> Includes items not shown separately.<sup>2</sup> Not available.<sup>3</sup> Change

of less than one-half of 1 percent.

<sup>4</sup> Data revised beginning with March 1959.

Table E-3: Wholesale Prices of Selected Construction Materials

| Commodity  | Unit        | 1959     |          | 1958     |
|--|-------------|----------|----------|----------|
|  |             | July     | June     | July     |
| <b>LUMBER</b>  |             |          |          |          |
| Douglas fir:   |             |          |          |          |
| Dimension, construction, 25% standard, 2"x4", RL., green, S4S mixed dimension c/l, f.o.b. mill.....  | M bd. ft.   | \$77.555 | \$79.006 | \$61.503 |
| Boards, construction, 25% standard, RL., green, S4S, 1"x8", loose, mixed c/l of boards and dimension, f.o.b. mill.....   | M bd. ft.   | 71.197   | 71.883   | 51.450   |
| Timbers, construction, 8"x8" to 12"x12", RL., rough or S4S, green c/l or mixed cars, f.o.b. mill.....  | M bd. ft.   | 81.325   | 81.472   | 66.500   |
| Southern pine:   |             |          |          |          |
| Dimension, No. 2, 2"x4"x16', S4S, dried, SL., f.o.b. mill.....   | M bd. ft.   | 89.714   | 89.038   | 85.433   |
| Boards, No. 2, 1"x6", RL., S4S, dried, SL, c/l or mixed cars, f.o.b. mill.....   | M bd. ft.   | 81.074   | 80.768   | 75.347   |
| *Ponderosa pine boards, No. 3, 1"x12", RL., 6' and over, S4S, dry, c/l or mixed cars, f.o.b. mill.....   | M bd. ft.   | 82.310   | 83.540   | .....    |
| Oak, red, flooring, select, plain, 25/32" thick, 2-1/4" face, bundled, c/l, f.o.b. mill.....   | M bd. ft.   | 182.844  | 183.244  | 169.589  |
| Maple flooring, 2d grade, 25/32"x2-1/4" face, standard length, c/l, f.o.b. mill..  | M bd. ft.   | 211.269  | 211.241  | 215.107  |
| <b>MILLWORK</b>  |             |          |          |          |
| Door, flush type, interior, hardwood face, veneer, premium grade, as per CS-200-55, 2'6"x6'8"x1-3/8", f.o.b. factory, c/l, freight allowed.....                          | Each        | 8.044    | 8.044    | 7.975    |
| Window unit, wood, double hung, Ponderosa pine, 2'4"x4'6", with frame sash, glazing, weather stripping and sash balance as per CS-190-53, mixed c/l, f.o.b. factory..... | Each        | 14.201   | 14.049   | 12.865   |
| <b>PLYWOOD</b>   |             |          |          |          |
| Douglas fir, interior, grade A-D, 1/4"x48"x96", 3 ply, f.o.b. mill.....  | M sq. ft.   | 74.316   | 80.155   | 68.448   |
| *Douglas fir, interior, grade C-D, 5/16"x48"x96", 5 ply, f.o.b. mill.....  | M sq. ft.   | 96.496   | 99.532   | .....    |
| Plywood, birch, standard panel, grade 1-3 or 1-4, type II glue, 3 ply 1/4" thick, 48"x96", c/l, f.o.b. factory.....  | M sq. ft.   | 215.563  | 216.726  | 213.737  |
| <b>PREPARED PAINT</b>  |             |          |          |          |
| Latex, water-thinned, inside, first grade, delivered.....  | Gallon      | 3.295    | 3.295    | 2.743    |
| Varnish, floor, first grade, delivered.....  | Gallon      | 4.138    | 4.138    | 4.126    |
| Enamel, white, or colors gloss, first grade, delivered.....  | Gallon      | 5.127    | 5.127    | 5.133    |
| Inside, flat, white, first grade, delivered.....   | Gallon      | 3.401    | 3.401    | 3.396    |
| Outside, white, or colors first grade, delivered.....  | Gallon      | 4.797    | 4.797    | 4.803    |
| <b>METAL PRODUCTS</b>  |             |          |          |          |
| Structural shapes, carbon steel, 6"x4"x1/2" angles, 30' long, ASTM spec. A-7, base quantity, f.o.b. mill.....  | 100 lb.     | 6.167    | 6.167    | 5.942    |
| Bars, reinforcing, carbon steel, 3/4" rounds x 30' long with 10% shorts, ASTM spec. A-15, 50T, base quantity, f.o.b. mill.....   | 100 lb.     | 6.385    | 6.385    | 6.135    |
| Sheets, galvanized, carbon steel, 24 gage x 30" wide x 96" long, commercial coating, base chemistry, base packaging, base quantity, f.o.b. mill.....                     | 100 lb.     | 8.615    | 8.615    | 8.270    |
| Pipe, standard, black, carbon steel, butt weld, threaded and coupled, 1-1/4" nominal, random lengths, c/l, wt. 228 lbs. per 100', f.o.b. mill.....                       | 100 ft.     | 19.905   | 19.905   | 19.814   |
| Pipe, standard, galvanized, carbon steel, butt weld, threaded and coupled, 1-1/4" nominal, random lengths, c/l, wt. 228 lbs. per 100', f.o.b. mill.....                  | 100 ft.     | 23.253   | 23.253   | 23.264   |
| Nails, wire, carbon steel, 8d common, c/l, f.o.b. mill.....  | 100 lb.     | 9.825    | 9.825    | 9.828    |
| Soil pipe, cast iron, 4", single hub, extra heavy, f.o.b. foundry.....   | 5' length   | 3.745    | 3.745    | 3.617    |
| Copper water tubing, type L, 3/4" size, .045" wall thickness, shipped in 60' coils, 10,000' lots or more, f.o.b. mill, freight allowed.....                              | Foot        | .259     | .281     | .263     |
| Building wire, type RH-RW, size 12, solid, single braid, f.o.b. destination, or freight prepaid or allowed on specified amounts.....                                     | M ft.       | 17.228   | 17.778   | 13.338   |
| Insect screening, aluminum, 18x14 mesh, 30" wide, carload lots, f.o.b. factory.....  | 100 sq. ft. | 5.890    | 5.890    | 5.840    |

See footnotes at end of table.



Table E-3: Wholesale Prices of Selected Construction Materials--Continued-

| Commodity   | Unit      | 1959     |          | 1958     |
|---|-----------|----------|----------|----------|
|   |           | July     | June     | July     |
| PLUMBING EQUIPMENT  |           |          |          |          |
| Bathtub, 5', enameled iron, recessed, f.o.b. factory, freight allowed.....  | Each      | \$53.778 | \$53.778 | \$48.314 |
| Lavatory, 20"x18" and 19"x17", enameled iron, f.o.b. plant, freight allowed ....  | Each      | 13.066   | 13.066   | 11.831   |
| Water closet, vitreous china, closed coupled, reverse trap,<br>f.o.b. plant, freight allowed .....  | Each      | 23.363   | 23.363   | 20.921   |
| Sink, 32"x21", enameled steel, acid resisting, 2-compartment, f.o.b. plant,<br>freight allowed .....  | Each      | 12.711   | 12.711   | 13.194   |
| HEATING EQUIPMENT   |           |          |          |          |
| Convectors, nonferrous, free standing, average steam rating 40.8 to 43.0,<br>f.o.b. factory, freight allowed .....                            | Sq. ft.   | .466     | .466     | .461     |
| Furnace, warm air:<br>Steel, forced air, oil fired, with burner, bonnet output 90,000-115,000 BTU,<br>f.o.b. factory, freight allowance ..... | Each      | 242.910  | 245.632  | 243.556  |
| Steel, forced air, gas fired, jacketed, input rating 85,000-110,000 BTU,<br>f.o.b. factory, freight allowance .....                           | Each      | 160.454  | 160.454  | 165.004  |
| Furnace, floor, gas fired, manual controls, input rating 40,000-50,000 BTU,<br>f.o.b. factory.....  | Each      | 62.138   | 62.138   | 58.283   |
| Oil burner, mechanical forced draft, 1½-3 gal. per hr., f.o.b. factory .....  | Each      | 113.575  | 113.575  | 115.875  |
| Water heater, gas fired, automatic, 1-year guarantee, 30-gal. steel storage<br>tank, f.o.b. factory, freight allowed .....                    | Each      | (1)      | (1)      | 39.640   |
| NONMETALLIC MINERAL PRODUCTS  |           |          |          |          |
| Sand, construction, f.o.b. plant .....  | Ton       | 1.330    | 1.323    | 1.314    |
| Gravel, for concrete, 1-1/2" maximum, f.o.b. plant .....  | Ton       | 1.619    | 1.615    | 1.599    |
| Crushed stone, for concrete, 1-1/2" maximum, f.o.b. plant .....   | Ton       | 1.672    | 1.665    | 1.679    |
| Building blocks, concrete, lightweight aggregate, 8"x8"x16", f.o.b. plant .....   | Each      | .194     | .191     | .191     |
| Building brick, clay, f.o.b. plant .....  | Thousand  | 31.816   | 31.700   | 30.925   |
| Partition tile, clay, scored, 4"x12"x12", 3-cell, 16 lbs., f.o.b. plant.....  | Thousand  | 138.087  | 138.087  | 137.031  |
| Lath, gypsum, 3/8"x16"x48", f.o.b. plant, freight equalized .....   | M sq. ft. | 26.011   | 26.011   | 26.012   |
| Wallboard, gypsum, 3/8"x48", varying lengths, f.o.b. plant,<br>freight equalized .....  | M sq. ft. | 34.300   | 34.300   | 34.300   |
| Shingles, asphalt, strip, thick square butt, 210 lbs., f.o.b. factory,<br>freight allowed.....  | Square    | 5.587    | 5.681    | 5.103    |
| Siding shingles, asbestos cement, f.o.b. plant, freight equalized .....   | Square    | 12.277   | 12.277   | 11.917   |

Source: Department of Labor, Bureau of Labor Statistics. \* Beginning with April 1958, prices not comparable with those for previous periods because of a change in specification. <sup>1</sup> Not available.

(NOTE: Tables E-4 and E-5, Union Hourly Wage Scales in the Building Trades, are shown quarterly in the March, June, September, and December issues.)

## Part F--Materials Output

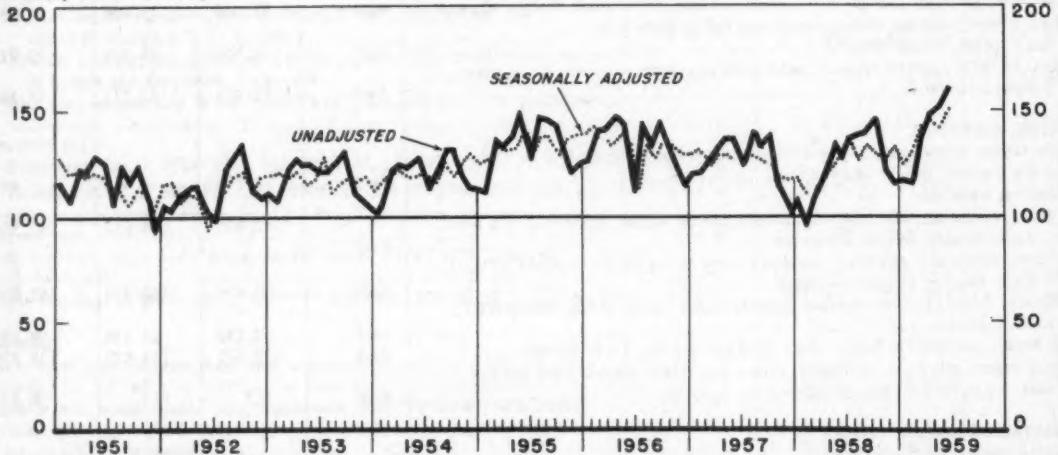
Chart B.

### Construction Materials

#### Composite Output Index

Index (1947-49=100)

Index (1947-49=100)



SOURCE: DEPARTMENT OF COMMERCE.

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Table F-1: Construction Materials: Indexes of Output (Unadjusted and Seasonally Adjusted)

(Monthly average 1947-49=100)

| Materials group                     | Monthly indexes |                    |         |       |                    |                    |                  |                     |       |                    |                    |                  |
|-------------------------------------|-----------------|--------------------|---------|-------|--------------------|--------------------|------------------|---------------------|-------|--------------------|--------------------|------------------|
|                                     | Unadjusted      |                    |         |       |                    |                    |                  | Seasonally adjusted |       |                    |                    |                  |
|                                     | Annual average  |                    | 1958    |       | 1959               |                    |                  | 1958                |       | 1959               |                    |                  |
|                                     | 1957            | 1958               | May     | June  | May                | June               | July             | May                 | June  | May                | June               | July             |
|                                     | 1957            | 1958               | May     | June  | May                | June               | July             | May                 | June  | May                | June               | July             |
| Composite.....                      | 125.7           | 124.2              | 132.1   | 136.8 | <sup>1</sup> 152.1 | 161.1              | ( <sup>2</sup> ) | 123.6               | 127.7 | <sup>1</sup> 141.9 | 150.6              | ( <sup>2</sup> ) |
| Lumber and wood products.....       | 115.7           | 119.9              | 120.9   | 118.2 | 141.5              | <sup>1</sup> 143.1 | 139.6            | 110.2               | 112.7 | 128.9              | <sup>1</sup> 136.4 | 146.3            |
| Millwork.....                       | 118.8           | 108.4              | 97.3    | 108.9 | 140.9              | 147.3              | 116.2            | 99.5                | 102.0 | 144.7              | 137.4              | 127.6            |
| Paint, varnish, and lacquer.....    | 117.4           | 124.9              | 140.4   | 147.6 | 156.1              | 150.7              | 145.8            | 126.9               | 134.4 | 141.4              | 138.3              | 136.0            |
| Portland cement.....                | 148.5           | 155.1              | 175.1   | 179.9 | 200.0              | 200.1              | 204.5            | 155.4               | 165.3 | 176.4              | 183.1              | 199.3            |
| Asphalt products.....               | 96.5            | 102.6              | 133.1   | 127.9 | 103.3              | 118.0              | 130.5            | 136.4               | 119.4 | 107.0              | 111.4              | 110.3            |
| Heating and plumbing equipment..... | 120.0           | 118.4              | 107.9   | 120.7 | 128.0              | 139.6              | ( <sup>2</sup> ) | 112.6               | 123.3 | 133.2              | 142.9              | ( <sup>2</sup> ) |
| Iron and steel products.....        | 143.0           | 123.7              | 139.2   | 153.3 | 162.1              | 191.2              | ( <sup>2</sup> ) | 131.9               | 137.9 | 153.2              | 171.9              | ( <sup>2</sup> ) |
| Clay construction products.....     | 133.2           | 132.3              | 136.7   | 136.2 | 151.6              | 158.1              | ( <sup>2</sup> ) | 131.4               | 132.0 | 144.7              | 153.6              | ( <sup>2</sup> ) |
| Quarterly indexes (Unadjusted)      |                 |                    |         |       |                    |                    |                  |                     |       |                    |                    |                  |
|                                     | Annual average  |                    | 1958    |       |                    | 1959               |                  |                     | 1959  |                    |                    |                  |
|                                     | 1957            | 1958               | 2d qtr. |       | 3d qtr.            | 4th qtr.           | 1st qtr.         | 2d qtr.             |       |                    |                    |                  |
|                                     | 1957            | 1958               |         |       |                    |                    |                  |                     |       |                    |                    |                  |
| Gypsum products.....                | 154.4           | <sup>1</sup> 170.4 | 156.3   |       | 190.1              | 183.4              | 177.4            | 216.8               |       |                    |                    |                  |
| Plumbing fixtures.....              | 114.1           | 117.3              | 113.6   |       | 111.2              | 129.1              | 136.7            | 152.7               |       |                    |                    |                  |

Source: Table compiled by the Department of Commerce from data reported by various Government agencies and by private firms as shown in notes to the tables following in Part F. <sup>1</sup> Revised. <sup>2</sup> Not available.

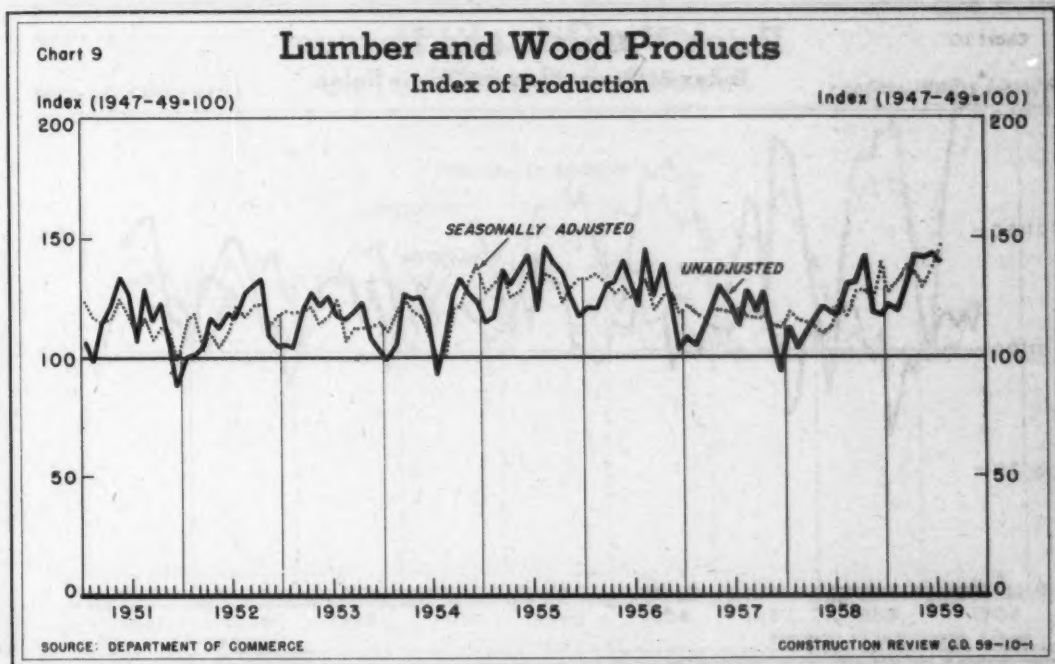


Table F-2: Lumber and Wood Products: Production, Shipments, and Stocks

| Period                     | Softwood lumber <sup>1</sup><br>(Million board feet) |           |         | Hardwood flooring <sup>1</sup><br>(Thousand board feet) |           |         | Douglas fir<br>plywood <sup>2</sup><br>(Million<br>square feet) | Insulating<br>boards <sup>3</sup><br>(Tons) | Hardboard <sup>3</sup><br>(Tons) |
|----------------------------|--|-----------|---------|---|-----------|---------|---|---|----------------------------------|
|                            | Production   | Shipments | Stocks* | Production  | Shipments | Stocks* | Production  |   |                                  |
| 1947-49 average.....       | 28,252   | 27,636    | 4,485   | 812,365   | 789,437   | 44,455  | 1,802   | 766,269                                     | 294,214                          |
| Year: 1956.....            | 30,661   | 29,964    | 6,087   | 1,166,446   | 1,117,010 | 114,074 | 5,191   | 1,102,012                                   | 539,981                          |
| 1957.....                  | 26,758   | 26,952    | 5,894   | 953,706   | 947,023   | 107,028 | 5,379   | 989,059                                     | 456,522                          |
| 1958.....                  | 27,001   | 27,285    | 5,613   | 927,294   | 922,789   | 99,111  | 6,136   | 1,026,790                                   | 460,623                          |
| 12 months ending:          |  |           |         |   |           |         |   |   |                                  |
| April 1959.....            | 27,929   | 28,621    | .....   | 969,307   | 981,548   | .....   | 6,684   | 1,070,066                                   | 476,256                          |
| May 1959.....              | 28,147   | 28,834    | .....   | 980,689   | 987,192   | .....   | 6,868   | 1,079,745                                   | 470,432                          |
| June 1959.....             | 28,464   | 29,100    | .....   | 994,730   | 998,455   | .....   | 7,062   | 1,090,600                                   | 472,181                          |
| July 1959.....             | 28,715   | 29,312    | .....   | 1,006,406   | 1,005,999 | .....   | ( <sup>5</sup> )  | 1,105,950                                   | 475,540                          |
| 1958:                      |  |           |         |   |           |         |   |   |                                  |
| July.....                  | 2,262  | 2,396     | 5,640   | 81,377  | 81,788    | 89,737  | 6,448   | 87,412                                      | 450,098                          |
| August.....                | 2,461  | 2,533     | 5,568   | 82,080  | 87,040    | 84,438  | 6,559   | 95,966                                      | 451,187                          |
| September.....             | 2,524  | 2,621     | 5,471   | 86,353  | 86,322    | 83,297  | 6,521   | 92,923                                      | 453,276                          |
| October.....               | 2,679  | 2,667     | 5,484   | 93,026  | 89,794    | 86,627  | 6,619   | 97,531                                      | 456,710                          |
| November.....              | 2,132  | 2,049     | 5,567   | 74,434  | 69,920    | 89,270  | 6,555   | 82,036                                      | 454,604                          |
| December.....              | 2,188  | 2,142     | 5,613   | 74,041  | 63,694    | 99,111  | 6,508   | 75,941                                      | 454,833                          |
| 1959:                      |  |           |         |   |           |         |   |   |                                  |
| January.....               | 2,104  | 2,116     | 5,601   | 78,269  | 77,603    | 95,918  | 6,623   | 84,087                                      | 461,270                          |
| February.....              | 2,088  | 2,097     | 5,591   | 73,919  | 79,666    | 96,093  | 6,592   | 81,021                                      | 463,813                          |
| March.....                 | 2,367  | 2,520     | 5,439   | 80,802  | 86,139    | 81,704  | 6,614   | 95,713                                      | 466,479                          |
| April.....                 | 2,518  | 2,672     | 5,336   | 89,563  | 93,293    | 76,489  | 6,693   | 107,341                                     | 471,202                          |
| May.....                   | 2,524  | 2,628     | 5,223   | 88,494  | 89,622    | 73,266  | 6,675   | 100,510                                     | 473,315                          |
| June.....                  | 2,617  | 2,659     | 5,181   | 92,372  | 93,574    | 73,959  | 6,654   | 90,119                                      | 471,314                          |
| July.....                  | 2,513  | 2,608     | 5,100   | 93,053  | 89,332    | 75,079  | ( <sup>5</sup> )  | 102,762                                     | 473,457                          |
| Percent change             |  |           |         |   |           |         |   |   |                                  |
| July, 1958-59.....         | +11  | +9        | -10     | +14   | +9        | -16     | .....   | +18   | +47                              |
| First 7 mos., 1958-59..... | +11  | +13       | .....   | +15   | +16       | .....   | .....   | +14   | +42                              |

Table compiled by Department of Commerce (BDSA). \*As of end of period. Sources: <sup>1</sup>National Lumber Manufacturers Association. <sup>2</sup>Douglas Fir Plywood Association. <sup>3</sup>Department of Commerce, Bureau of the Census. <sup>4</sup>Revised. <sup>5</sup>Not available.

<sup>6</sup>Monthly figures estimated from quarterly totals.

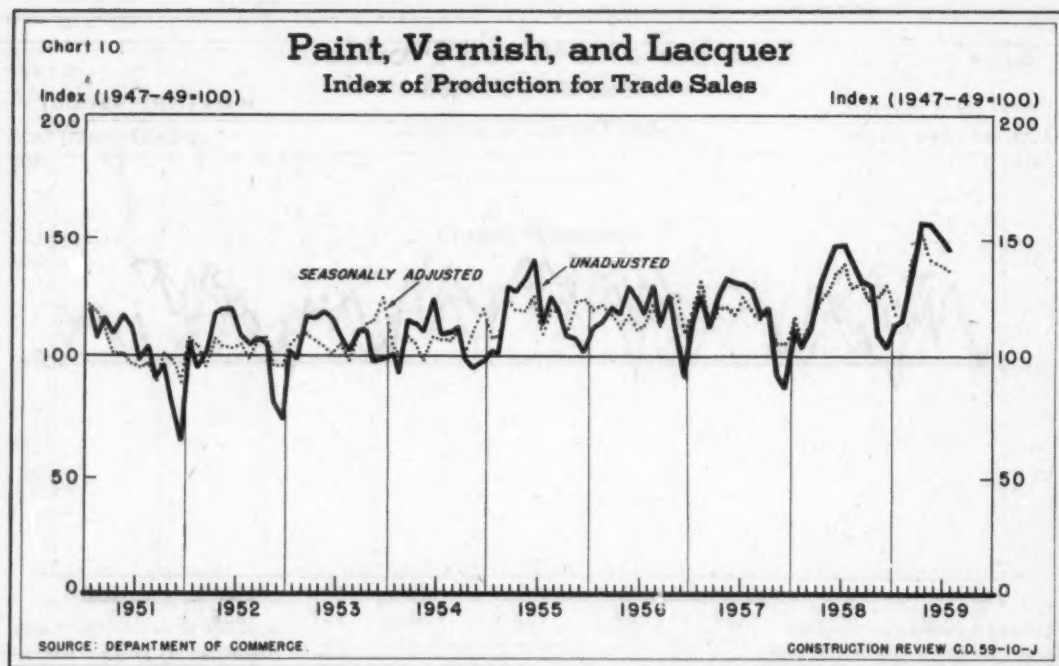


Table F-3: Shipments of Millwork Products and Production of Paint, Varnish, and Lacquer

| Period                     | Shipments<br>(Thousands of units)    |                                |                     |                                 | Production for trade sales<br>(Thousands of gallons) |
|----------------------------|--------------------------------------|--------------------------------|---------------------|---------------------------------|--|
|                            | Ponderosa<br>pine doors <sup>1</sup> | Hardwood<br>doors <sup>1</sup> | Sash <sup>1</sup>   | Exterior<br>frames <sup>1</sup> | Paint, varnish, & lacquer <sup>2</sup>               |
| 1947-49 average.....       | <sup>3</sup> 3,768                   | <sup>3</sup> 3,298             | <sup>3</sup> 11,043 | <sup>3</sup> 4,186              | 266,701  |
| Year: 1956.....            | <sup>3</sup> 2,035                   | <sup>3</sup> 6,404             | <sup>3</sup> 10,551 | <sup>3</sup> 5,679              | 312,543  |
| 1957.....                  | 2,028                                | 5,611                          | 9,887               | 5,273                           | 313,128  |
| 1958.....                  | 1,919                                | 4,439                          | 9,666               | 5,678                           | 337,926  |
| 12 months ending:          |                                      |                                |                     |                                 |  |
| March 1959.....            | 2,083                                | 4,690                          | 10,329              | 6,006                           | 350,800  |
| April 1959.....            | 2,159                                | 4,752                          | 10,660              | 6,285                           | 358,100  |
| May 1959.....              | 2,223                                | 4,825                          | 11,052              | 6,593                           | 361,800  |
| June 1959.....             | 2,324                                | 4,914                          | 11,321              | 6,808                           | 361,200  |
| July 1959.....             | 2,389                                | 4,900                          | 11,514              | 6,958                           | 359,200  |
| 1958:                      |                                      |                                |                     |                                 |  |
| June.....                  | 122                                  | 366                            | 806                 | 570                             | 34,100   |
| July.....                  | 125                                  | 347                            | 753                 | 486                             | 34,400   |
| August.....                | 148                                  | 452                            | 974                 | 600                             | 32,700   |
| September.....             | 176                                  | 493                            | 982                 | 566                             | 30,600   |
| October.....               | 211                                  | 463                            | 1,133               | 577                             | 30,200   |
| November.....              | 190                                  | 388                            | 1,011               | 504                             | 25,600   |
| December.....              | 187                                  | 298                            | 892                 | 401                             | 23,600   |
| 1959:                      |                                      |                                |                     |                                 |  |
| January.....               | 167                                  | 433                            | 789                 | 465                             | 25,200   |
| February.....              | 228                                  | 368                            | 799                 | 458                             | 25,400   |
| March.....                 | 202                                  | 402                            | 856                 | 516                             | 30,300   |
| April.....                 | 241                                  | 400                            | 987                 | 672                             | 35,000   |
| May.....                   | 226                                  | 413                            | 1,071               | 777                             | 34,700   |
| June.....                  | 223                                  | 455                            | 1,075               | 785                             | 33,500   |
| July.....                  | 190                                  | 333                            | 946                 | 636                             | 32,400   |
|                            | Percent change                       |                                |                     |                                 |  |
| July, 1958-59.....         | + 51                                 | - 4                            | + 26                | + 31                            | - 2  |
| First 7 mos., 1958-59..... | + 47                                 | + 20                           | + 40                | + 42                            | + 11   |

Table compiled by Department of Commerce (BDSA). Sources: <sup>1</sup>National Wood Work Manufacturers Association (whose data are only from member firms, and are not adjusted to represent full coverage); <sup>2</sup>Department of Commerce, Bureau of the Census.

<sup>3</sup>Production. See Note to table F-3 in the April 1959 issue of Construction Review.



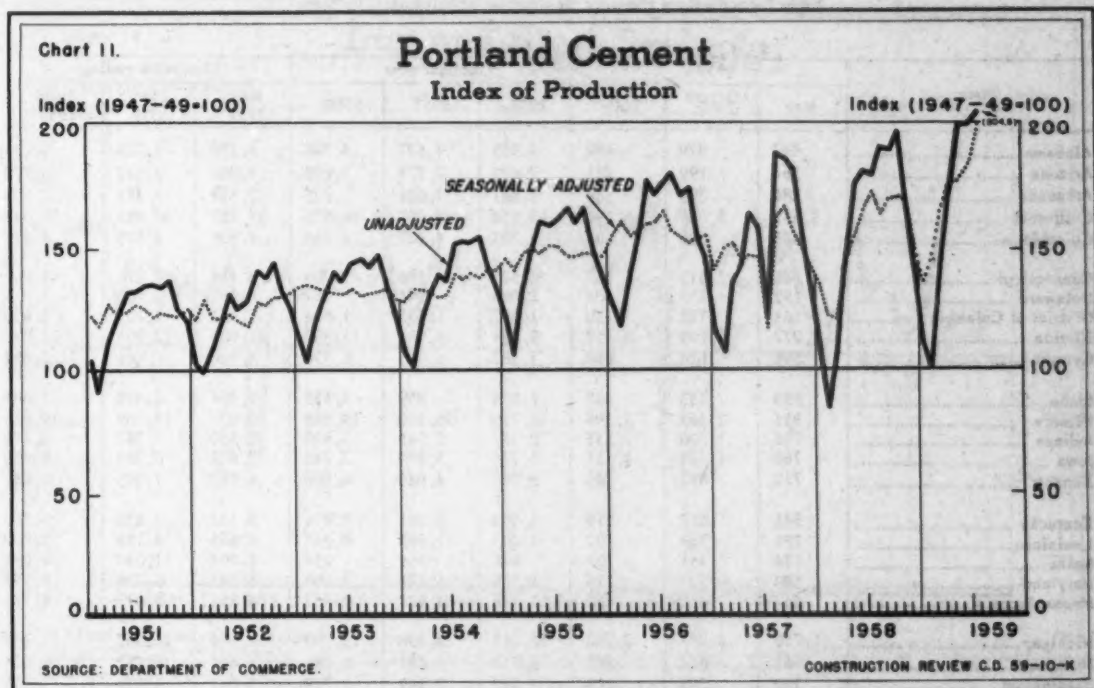


Table F-4: Portland Cement, and Asphalt and Gypsum Products: Production, Shipments, and Stocks

| Period                     | Pro-<br>duction              | Ship-<br>ments | Stocks* | Shipments<br>(Thousands of squares)         |                                |  |   | Shipments**<br>(Million square feet) |                             |
|----------------------------|------------------------------|----------------|---------|---|--------------------------------|--|---|--------------------------------------|-----------------------------|
|                            | (Thousands of barrels)       |                |         |   |                                |  |   |                                      |                             |
|                            | Portland cement <sup>1</sup> |                |         | Asphalt<br>prepared<br>roofing <sup>2</sup> | Asphalt<br>siding <sup>2</sup> | Asphalt<br>insulated<br>brick<br>siding <sup>2</sup> | Asphalt<br>and tar<br>saturated<br>felts <sup>2</sup> | Gypsum<br>board <sup>1</sup>         | Gypsum<br>lath <sup>1</sup> |
| 1947-49 average.....       | 200,607                      | 199,306        | 11,922  | 61,252                                      | 3,365                          | 2,811  | 17,087  | 2,478                                | 2,075                       |
| Year: 1956.....            | 316,465                      | 311,571        | 22,412  | 57,590                                      | 1,208                          | 2,055  | 29,774  | 4,824                                | 2,675                       |
| 1957.....                  | 297,801                      | 291,741        | 28,550  | 53,326                                      | 1,036                          | 1,764  | 30,761  | 4,305                                | 2,224                       |
| 1958.....                  | 311,061                      | 309,650        | 30,459  | 58,228                                      | 1,040                          | 1,616  | 31,840  | 5,185                                | 2,153                       |
| 12 months ending:          |                              |                |         |   |                                |  |   |                                      |                             |
| April 1959.....            | 325,661                      | 324,898        | .....   | 61,009                                      | 1,069                          | 1,632  | 33,258  | .....                                | .....                       |
| May 1959.....              | 329,815                      | 327,406        | .....   | 59,391                                      | 1,039                          | 1,634  | 32,604  | .....                                | .....                       |
| June 1959.....             | 333,192                      | 333,254        | .....   | 58,745                                      | 1,016                          | 1,623  | 32,592  | 5,926                                | 2,298                       |
| July 1959.....             | 337,541                      | 338,088        | .....   | 59,211                                      | 1,014                          | 1,621  | 33,467  | .....                                | .....                       |
| 1958: July.....            | 29,833                       | 32,536         | 30,647  | 5,697                                       | 90                             | 178  | 2,528   | 1,432                                | 620                         |
| August.....                | 31,675                       | 34,433         | 27,889  | 7,507                                       | 110                            | 169  | 3,660   |                                      |                             |
| September.....             | 31,597                       | 35,031         | 24,449  | 6,096                                       | 114                            | 197  | 2,892   |                                      |                             |
| October.....               | 32,847                       | 36,880         | 20,412  | 5,880                                       | 132                            | 188  | 2,705   | 1,420                                | 543                         |
| November.....              | 28,031                       | 24,758         | 23,688  | 3,864                                       | 97                             | 113  | 2,193   |                                      |                             |
| December.....              | 23,590                       | 16,817         | 30,459  | 2,391                                       | 58                             | 68   | 1,813   |                                      |                             |
| 1959: January.....         | 18,604                       | 14,544         | 34,798  | 2,698                                       | 54                             | 76   | 1,964   | 1,393                                | 497                         |
| February.....              | 16,710                       | 14,943         | 36,605  | 3,365                                       | 67                             | 69   | 2,223   |                                      |                             |
| March.....                 | 24,329                       | 23,250         | 37,759  | 6,950                                       | 110                            | 107  | 4,032   |                                      |                             |
| April.....                 | 29,093                       | 30,423         | 36,381  | 3,985                                       | 53                             | 143  | 2,672   | 1,681                                | 638                         |
| May.....                   | 33,428                       | 33,278         | 36,528  | 4,749                                       | 62                             | 159  | 2,794   |                                      |                             |
| June.....                  | 33,455                       | 36,361         | 33,621  | 5,563                                       | 69                             | 156  | 3,116   |                                      |                             |
| July.....                  | 34,182                       | 37,370         | 30,417  | 6,163                                       | 88                             | 176  | 3,403   | .....                                | .....                       |
| Percent change             |                              |                |         |   |                                |  |   |                                      |                             |
| July, 1958-59.....         | + 15                         | + 15           | - 1     | + 8   | - 2                            | - 1  | + 35  | .....                                | .....                       |
| First 7 mos., 1958-59..... | + 16                         | + 18           | .....   | + 3   | - 5                            | + 1  | + 9   | + 32                                 | + 15                        |

\* As of end of period. \*\* Data reported on quarterly basis. Table compiled by Department of Commerce (BDCA).  
 department of Interior, Bureau of Mines. <sup>2</sup> Department of Commerce, Bureau of the Census. <sup>3</sup> First 6 months 1958-59.

Sources: <sup>1</sup> De-

Table F-5:--Portland Cement: Destination of Shipments, by State

| State                      | (Thousands of barrels) |       |       |               |        |        |                    |           |           |
|----------------------------|------------------------|-------|-------|---------------|--------|--------|--------------------|-----------|-----------|
|                            | 1959                   |       |       | Calendar year |        |        | 12 months ending-- |           |           |
|                            | May                    | June  | July  | 1956          | 1957   | 1958   | May 1959           | June 1959 | July 1959 |
| Alabama .....              | 492                    | 470   | 490   | 4,935         | 4,627  | 4,768  | 5,156              | 5,218     | 5,291     |
| Arizona .....              | 361                    | 199   | 151   | 2,621         | 2,778  | 3,608  | 3,986              | 3,912     | 3,772     |
| Arkansas .....             | 284                    | 298   | 340   | 1,841         | 1,684  | 2,125  | 2,374              | 2,478     | 2,609     |
| California .....           | 3,437                  | 3,709 | 3,990 | 35,854        | 32,910 | 34,076 | 37,107             | 37,487    | 38,044    |
| Colorado .....             | 463                    | 536   | 504   | 3,703         | 4,027  | 4,183  | 4,301              | 4,375     | 4,415     |
| Connecticut .....          | 361                    | 313   | 362   | 4,325         | 5,188  | 3,206  | 3,114              | 3,071     | 3,081     |
| Delaware .....             | 157                    | 153   | 104   | 1,086         | 905    | 861    | 991                | 1,050     | 1,071     |
| District of Columbia ..... | 163                    | 179   | 138   | 1,327         | 1,172  | 1,524  | 1,661              | 1,701     | 1,690     |
| Florida .....              | 1,277                  | 1,109 | 1,153 | 9,499         | 9,985  | 11,397 | 12,809             | 12,901    | 13,013    |
| Georgia .....              | 594                    | 624   | 660   | 5,381         | 4,675  | 5,726  | 6,528              | 6,669     | 6,851     |
| Idaho .....                | 133                    | 133   | 118   | 1,074         | 959    | 1,453  | 1,494              | 1,498     | 1,484     |
| Illinois .....             | 1,815                  | 2,168 | 2,196 | 16,719        | 16,238 | 19,388 | 18,859             | 19,189    | 19,054    |
| Indiana .....              | 776                    | 1,100 | 1,151 | 9,181         | 7,045  | 7,328  | 7,350              | 7,767     | 8,172     |
| Iowa .....                 | 766                    | 1,122 | 1,117 | 6,774         | 5,810  | 7,749  | 7,819              | 7,984     | 8,150     |
| Kansas .....               | 712                    | 882   | 743   | 6,963         | 4,980  | 6,396  | 6,969              | 7,235     | 7,442     |
| Kentucky .....             | 341                    | 453   | 519   | 3,509         | 3,281  | 3,074  | 3,331              | 3,458     | 3,700     |
| Louisiana .....            | 785                    | 769   | 792   | 8,303         | 7,585  | 8,043  | 8,665              | 8,758     | 8,800     |
| Maine .....                | 114                    | 151   | 191   | 978           | 964    | 956    | 1,004              | 1,030     | 1,097     |
| Maryland .....             | 589                    | 527   | 516   | 5,764         | 5,176  | 4,660  | 5,142              | 5,226     | 5,282     |
| Massachusetts .....        | 647                    | 433   | 460   | 5,848         | 4,922  | 4,762  | 4,851              | 4,817     | 4,791     |
| Michigan .....             | 1,716                  | 2,251 | 2,232 | 16,215        | 14,498 | 13,999 | 14,044             | 14,802    | 15,355    |
| Minnesota .....            | 661                    | 812   | 865   | 5,515         | 5,481  | 6,204  | 6,449              | 6,552     | 6,614     |
| Mississippi .....          | 299                    | 288   | 299   | 1,977         | 2,190  | 2,778  | 3,047              | 3,070     | 3,101     |
| Missouri .....             | 770                    | 966   | 1,050 | 7,646         | 6,851  | 7,637  | 8,251              | 8,441     | 8,822     |
| Montana .....              | 126                    | 212   | 239   | 1,405         | 1,377  | 1,394  | 1,364              | 1,441     | 1,499     |
| Nebraska .....             | 294                    | 490   | 555   | 3,352         | 2,651  | 3,833  | 3,918              | 4,010     | 4,244     |
| Nevada .....               | 65                     | 73    | 54    | 616           | 554    | 568    | 642                | 661       | 663       |
| New Hampshire .....        | 81                     | 75    | 76    | 926           | 637    | 584    | 621                | 635       | 647       |
| New Jersey .....           | 1,052                  | 877   | 822   | 9,428         | 7,952  | 7,902  | 8,553              | 8,693     | 8,692     |
| New Mexico .....           | 306                    | 327   | 300   | 2,086         | 2,206  | 2,430  | 2,896              | 3,017     | 3,102     |
| New York .....             | 2,400                  | 2,272 | 1,842 | 20,400        | 19,175 | 19,213 | 20,026             | 20,138    | 19,660    |
| North Carolina .....       | 534                    | 533   | 488   | 4,384         | 4,647  | 4,441  | 5,012              | 5,100     | 5,153     |
| North Dakota .....         | 180                    | 378   | 466   | 1,294         | 1,930  | 1,657  | 1,723              | 1,835     | 1,989     |
| Ohio .....                 | 1,763                  | 2,115 | 2,607 | 17,554        | 17,306 | 16,186 | 16,715             | 17,230    | 18,093    |
| Oklahoma .....             | 459                    | 513   | 457   | 4,815         | 4,917  | 5,131  | 5,796              | 5,906     | 5,850     |
| Oregon .....               | 246                    | 268   | 312   | 2,565         | 2,532  | 2,593  | 2,691              | 2,714     | 2,785     |
| Pennsylvania .....         | 1,674                  | 1,767 | 1,924 | 15,445        | 14,288 | 15,172 | 15,714             | 15,940    | 16,115    |
| Rhode Island .....         | 106                    | 65    | 65    | 819           | 762    | 818    | 820                | 808       | 761       |
| South Carolina .....       | 247                    | 212   | 222   | 2,359         | 2,010  | 2,204  | 2,499              | 2,509     | 2,542     |
| South Dakota .....         | 160                    | 233   | 255   | 1,374         | 1,071  | 1,392  | 1,499              | 1,585     | 1,659     |
| Tennessee .....            | 472                    | 481   | 531   | 4,843         | 4,153  | 4,288  | 4,775              | 4,805     | 4,911     |
| Texas .....                | 2,229                  | 2,176 | 2,190 | 20,953        | 18,892 | 22,322 | 24,401             | 24,531    | 24,534    |
| Utah .....                 | 212                    | 228   | 230   | 2,010         | 1,791  | 2,118  | 2,208              | 2,232     | 2,266     |
| Vermont .....              | 46                     | 44    | 49    | 334           | 302    | 353    | 370                | 378       | 386       |
| Virginia .....             | 645                    | 590   | 643   | 5,419         | 5,436  | 5,180  | 5,755              | 5,823     | 5,933     |
| Washington .....           | 473                    | 582   | 612   | 4,677         | 5,078  | 6,555  | 6,636              | 6,667     | 6,617     |
| West Virginia .....        | 206                    | 222   | 264   | 1,937         | 2,269  | 1,986  | 2,087              | 2,093     | 2,153     |
| Wisconsin .....            | 754                    | 1,051 | 1,075 | 6,768         | 6,771  | 6,751  | 6,469              | 6,739     | 6,935     |
| Wyoming .....              | 124                    | 142   | 143   | 655           | 688    | 962    | 1,050              | 1,091     | 1,103     |

Source: Table compiled by Department of Commerce (BDSA) from data reported by Department of Interior, Bureau of Mines.

Note: Alaska and Hawaii have been omitted to avoid disclosure of individual company operations.

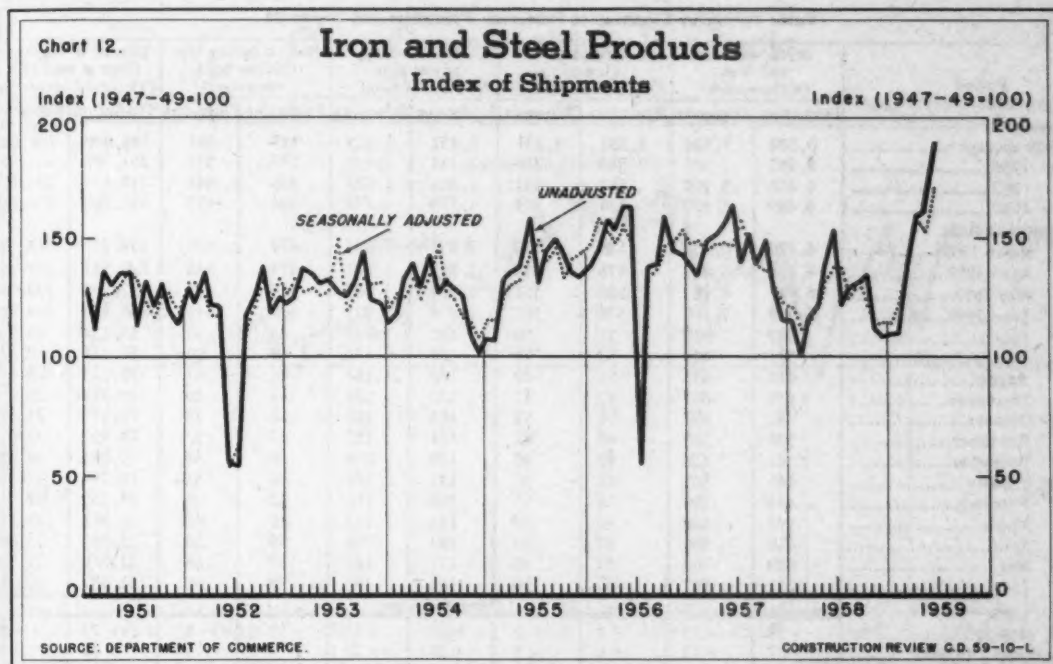


Table F-6: Iron and Steel Products: Shipments, Bookings, and Backlog

(Thousands of tons)

| Period                      | Shipments              |  |                                |                    |                     |                    |                             |      |                                  | Shipments | Bookings | Backlog* |
|-----------------------------|------------------------|--|--------------------------------|--------------------|---------------------|--------------------|-----------------------------|------|----------------------------------|-----------|----------|----------|
|                             | Line pipe <sup>1</sup> | Concrete reinforcing bars <sup>1</sup> | Galvanized sheets <sup>1</sup> | Nails <sup>1</sup> | Piling <sup>1</sup> | Rails <sup>1</sup> | Cast-iron pipe <sup>2</sup> |      | Rigid steel conduit <sup>3</sup> |           |          |          |
|                             |                        |  |                                |                    |                     |                    | Pressure                    | Soil |                                  |           |          |          |
| 1947-49 average .....       | 1,975                  | 1,523                                  | 1,669                          | 797                | 309                 | 2,167              | 1,075                       | 604  | 226                              | 2,639     | 2,442    | .....    |
| Year: 1956 .....            | 3,377                  | 2,518                                  | 2,958                          | 559                | 433                 | 1,300              | 1,745                       | 817  | 359                              | 3,780     | 4,736    | 1,313    |
| 1957 .....                  | 4,217                  | 2,300                                  | 2,393                          | 447                | 569                 | 1,283              | 1,352                       | 757  | 352                              | 4,180     | 3,073    | 1,125    |
| 1958 .....                  | 2,608                  | 2,034                                  | 2,827                          | 418                | 440                 | 580                | 1,278                       | 789  | 327                              | 3,664     | 2,773    | 1,135    |
| 12 months ending:           |                        |  |                                |                    |                     |                    |                             |      |                                  |           |          |          |
| April 1959 .....            | 3,012                  | 2,284                                  | 3,277                          | 438                | 450                 | 679                | 1,321                       | 866  | 330                              | 3,394     | 3,101    | .....    |
| May 1959 .....              | 3,144                  | 2,349                                  | 3,363                          | 448                | 463                 | 711                | 1,340                       | 872  | 333                              | 3,360     | 3,119    | .....    |
| June 1959 .....             | <sup>5</sup> 3,309     | <sup>5</sup> 2,455                     | <sup>5</sup> 3,436             | 455                | 463                 | 747                | 1,371                       | 880  | 337                              | 3,396     | 3,123    | .....    |
| July 1959 .....             | <sup>6</sup> 3,273     | <sup>6</sup> 2,422                     | <sup>6</sup> 3,377             | <sup>6</sup> 445   | <sup>6</sup> 454    | <sup>6</sup> 757   | (7)                         | (7)  | 342                              | 3,344     | 3,051    | .....    |
| 1958: July .....            | 220                    | 175                                    | 240                            | 30                 | 32                  | 33                 | 111                         | 72   | 28                               | 291       | 331      | 1,264    |
| August .....                | 228                    | 180                                    | <sup>253</sup>                 | 38                 | 37                  | 43                 | 129                         | 79   | 30                               | 298       | 226      | 1,200    |
| September .....             | 215                    | 193                                    | 259                            | 36                 | 37                  | 27                 | 126                         | 77   | 35                               | 314       | 256      | 1,169    |
| October .....               | 226                    | 184                                    | 290                            | 39                 | 34                  | 39                 | 129                         | 82   | 30                               | 307       | 259      | 1,083    |
| November .....              | 162                    | 152                                    | 254                            | 28                 | 36                  | 35                 | 98                          | 64   | 25                               | 271       | 243      | 1,051    |
| December .....              | 145                    | 143                                    | 266                            | 22                 | 35                  | 43                 | 85                          | 57   | 23                               | 267       | 197      | 1,135    |
| 1959: January .....         | 222                    | 134                                    | 279                            | 30                 | 30                  | 56                 | 76                          | 58   | 29                               | 224       | 236      | 1,107    |
| February .....              | 227                    | 150                                    | 282                            | 31                 | 24                  | 76                 | 76                          | 56   | 23                               | 216       | 294      | 1,150    |
| March .....                 | 307                    | 228                                    | 317                            | 43                 | 35                  | 103                | 108                         | 90   | 21                               | 260       | 255      | 1,146    |
| April .....                 | 433                    | 280                                    | 329                            | 46                 | 49                  | 83                 | 130                         | 84   | 26                               | 291       | 295      | 1,202    |
| May .....                   | 446                    | 256                                    | 317                            | 51                 | 54                  | 105                | 142                         | 76   | 29                               | 294       | 242      | 1,151    |
| June .....                  | <sup>5</sup> 477       | <sup>5</sup> 380                       | 350                            | 61                 | 61                  | 104                | 161                         | 85   | 38                               | 365       | 291      | 1,108    |
| July .....                  | <sup>6</sup> 184       | <sup>6</sup> 142                       | <sup>6</sup> 181               | <sup>6</sup> 20    | <sup>6</sup> 23     | <sup>6</sup> 43    | (7)                         | (7)  | 33                               | 239       | 259      | 1,117    |
| Percent change              |                        |  |                                |                    |                     |                    |                             |      |                                  |           |          |          |
| June, 1958-59 .....         | + 53                   | + 39                                   | + 26                           | + 12               | 0                   | + 53               | + 24                        | + 11 | + 10                             | + 11      | + 1      | - 13     |
| First 6 mos., 1958-59 ..... | + 50                   | + 42                                   | + 48                           | + 16               | + 10                | + 46               | + 15                        | + 25 | + 7                              | - 14      | + 28     | .....    |

\* Scheduled for fabrication in the next 4 months. Table compiled by the Department of Commerce (BDSA). Sources: <sup>1</sup> American Iron and Steel Institute. <sup>2</sup> Department of Commerce, Bureau of the Census. <sup>3</sup> National Electric Manufacturers Association. <sup>4</sup> American Institute of Steel Construction, Inc. <sup>5</sup> Revised. <sup>6</sup> Preliminary-subject to revision. <sup>7</sup> Not available.

Table F-7:--Clay Construction Products: Production and Shipments

| Period                      | Brick, common and face<br>(Million brick) |           | Structural clay tile<br>(Thousand tons) |           | Vitrified clay sewer pipe<br>(Thousand tons) |           | Hollow facing tile<br>(Million brick equivalent) |           | Glazed & unglazed floor & wall tile<br>(Thousand square feet) |           |
|-----------------------------|---|-----------|---|-----------|--|-----------|--|-----------|---|-----------|
|                             | Production                                | Shipments | Production                              | Shipments | Production                                   | Shipments | Production                                       | Shipments | Production  | Shipments |
| 1947-49 average .....       | 5,304                                     | 5,324     | 1,286                                   | 1,231     | 1,451  | 1,375     | 357  | 341       | 104,800   | 101,088   |
| Year: 1956 .....            | 8,085                                     | 7,382     | 862                                     | 750       | 2,154  | 2,039     | 576  | 535       | 251,388   | 231,262   |
| 1957 .....                  | 6,658                                     | 6,306     | 687                                     | 641       | 1,836  | 1,629     | 465  | 441       | 212,114   | 207,094   |
| 1958 .....                  | 6,489                                     | 6,459     | 574                                     | 543       | 1,773  | 1,772     | 484  | 453       | 221,768   | 215,710   |
| 12 months ending:           |   |           |   |           |  |           |  |           |   |           |
| March 1959 .....            | 6,770                                     | 6,758     | 578                                     | 549       | 1,831  | 1,836     | 474  | 445       | 228,271   | 224,335   |
| April 1959 .....            | 6,846                                     | 6,872     | 578                                     | 553       | 1,895  | 1,878     | 474  | 446       | 229,581   | 227,460   |
| May 1959 .....              | 6,890                                     | 6,982     | 580                                     | 551       | 1,927  | 1,903     | 473  | 448       | 232,008   | 230,750   |
| June 1959 .....             | 6,979                                     | 7,100     | 576                                     | 551       | 1,959  | 1,925     | 469  | 444       | 235,956   | 234,712   |
| 1958: June .....            | 582                                       | 619       | 51                                      | 50        | 152  | 173       | 43   | 42        | 17,434  | 18,250    |
| July .....                  | 591                                       | 618       | 58                                      | 55        | 164  | 178       | 40   | 40        | 17,011  | 18,334    |
| August .....                | 613                                       | 635       | 55                                      | 49        | 168  | 184       | 44   | 41        | 18,013  | 18,772    |
| September .....             | 633                                       | 661       | 52                                      | 47        | 170  | 186       | 43   | 40        | 19,014  | 19,259    |
| October .....               | 662                                       | 697       | 54                                      | 54        | 183  | 190       | 48   | 43        | 21,577  | 21,431    |
| November .....              | 578                                       | 580       | 46                                      | 47        | 161  | 152       | 40   | 37        | 18,491  | 17,615    |
| December .....              | 535                                       | 426       | 48                                      | 38        | 149  | 118       | 39   | 38        | 20,031  | 18,476    |
| 1959: January .....         | 465                                       | 365       | 44                                      | 38        | 131  | 101       | 36   | 33        | 19,789  | 17,564    |
| February .....              | 442                                       | 389       | 34                                      | 35        | 136  | 100       | 32   | 29        | 18,265  | 18,012    |
| March .....                 | 542                                       | 598       | 40                                      | 40        | 153  | 153       | 35   | 31        | 20,221  | 19,818    |
| April .....                 | 618                                       | 685       | 47                                      | 50        | 183  | 186       | 36   | 36        | 21,069  | 21,685    |
| May .....                   | 629                                       | 709       | 51                                      | 48        | 177  | 182       | 37   | 38        | 21,093  | 21,534    |
| June .....                  | 671                                       | 737       | 47                                      | 50        | 184  | 195       | 39   | 38        | 21,382  | 22,212    |
| Percent change              |   |           |   |           |  |           |  |           |   |           |
| June, 1958-59 .....         | + 15                                      | + 19      | - 7                                     | 0         | + 21   | + 13      | - 10   | - 8       | + 23  | + 22      |
| First 6 mos., 1958-59 ..... | + 17                                      | + 23      | + 1                                     | + 3       | + 24   | + 20      | - 7  | - 4       | + 13  | + 19      |

Source: Table compiled by Department of Commerce (BDSA) from data reported by the Bureau of the Census.

Table F-8:--Clay Construction Products: Production and Shipments, by Census Region <sup>1</sup>

| Census region                      | PRODUCTION |         |         |         | SHIPMENTS |         |         |         |
|------------------------------------|------------|---------|---------|---------|-----------|---------|---------|---------|
|                                    | 1959       |         |         |         | 1959      |         |         |         |
|                                    | June       | May     | Apr.    | Mar.    | June      | May     | Apr.    | Mar.    |
| Brick, common and face (thousands) |            |         |         |         |           |         |         |         |
| U. S. TOTAL .....                  | 671,203    | 629,141 | 618,441 | 541,738 | 737,372   | 708,917 | 685,184 | 597,724 |
| New England .....                  | 15,257     | 15,474  | 11,093  | 6,008   | 12,830    | 11,214  | 10,440  | 6,385   |
| Middle Atlantic .....              | 93,572     | 88,365  | 82,209  | 71,380  | 113,394   | 108,507 | 94,032  | 76,790  |
| East North Central .....           | 140,799    | 124,160 | 132,485 | 99,691  | 157,104   | 134,276 | 137,746 | 104,636 |
| West North Central .....           | 34,885     | 30,802  | 30,204  | 24,003  | 38,053    | 33,162  | 31,998  | 27,102  |
| South Atlantic .....               | 160,085    | 153,550 | 156,170 | 146,034 | 176,803   | 171,575 | 173,147 | 163,515 |
| East South Central .....           | 79,331     | 76,257  | 73,660  | 70,673  | 86,130    | 85,647  | 84,487  | 73,168  |
| West South Central .....           | 84,416     | 83,576  | 80,627  | 80,977  | 91,377    | 106,988 | 96,962  | 93,063  |
| Mountain .....                     | 32,216     | 29,388  | 28,131  | 27,859  | 31,789    | 29,190  | 29,103  | 27,022  |
| Pacific .....                      | 30,642     | 27,569  | 23,862  | 15,113  | 29,892    | 28,358  | 27,269  | 26,043  |
| Structural clay tile (tons)        |            |         |         |         |           |         |         |         |
| U. S. TOTAL .....                  | 47,379     | 50,877  | 47,103  | 40,351  | 49,632    | 48,003  | 49,831  | 40,067  |
| Middle Atlantic .....              | 7,057      | 6,006   | 4,779   | 3,714   | 5,797     | 4,744   | 4,876   | 3,504   |
| East North Central .....           | 2,665      | 1,467   | 925     | 2,028   | 2,139     | 1,492   | 1,699   | 1,362   |
| West North Central .....           | 8,007      | 6,950   | 5,522   | 4,045   | 8,514     | 6,964   | 8,549   | 5,567   |
| South Atlantic .....               | 11,136     | 12,021  | 12,081  | 11,659  | 10,489    | 10,772  | 11,503  | 8,911   |
| East South Central .....           | 2,800      | 3,449   | 2,824   | 2,054   | 3,297     | 3,297   | 2,971   | 1,706   |
| West South Central .....           | 14,380     | 18,995  | 18,363  | 15,310  | 17,698    | 18,730  | 18,184  | 17,213  |
| Mountain & Pacific .....           | 1,334      | 1,989   | 2,609   | 1,541   | 2,568     | 2,004   | 2,049   | 1,804   |
| Vitrified clay sewer pipe (tons)   |            |         |         |         |           |         |         |         |
| U. S. TOTAL .....                  | 184,112    | 177,090 | 183,496 | 152,916 | 194,941   | 182,001 | 185,665 | 153,434 |
| Middle Atlantic .....              | 13,204     | 11,794  | 16,413  | 10,795  | 14,996    | 13,225  | 16,579  | 12,933  |
| East North Central .....           | 69,065     | 62,685  | 72,005  | 54,875  | 74,947    | 67,639  | 71,979  | 58,576  |
| West North Central .....           | 17,150     | 18,772  | 14,903  | 14,087  | 22,624    | 21,852  | 18,696  | 13,345  |
| South Atlantic .....               | 22,442     | 23,891  | 23,529  | 19,636  | 22,965    | 22,706  | 23,164  | 19,615  |
| E. & W. South Central .....        | 23,613     | 27,112  | 24,484  | 20,061  | 26,979    | 25,505  | 25,730  | 22,718  |
| Mountain .....                     | 5,502      | 4,359   | 4,234   | 3,368   | 5,042     | 4,654   | 4,034   | 3,061   |
| Pacific .....                      | 33,136     | 28,477  | 27,928  | 30,094  | 27,388    | 26,420  | 25,483  | 23,186  |

Source: Table compiled by Department of Commerce (BDSA) from data reported by the Bureau of the Census.

<sup>1</sup> Composition of

regions, and nonfarm population distribution by region, are shown under table A-2.



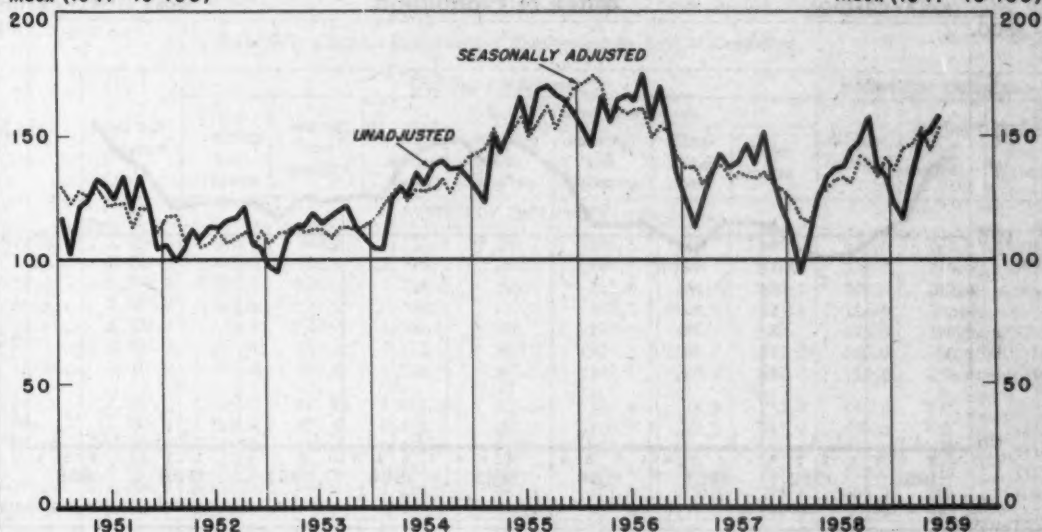
Chart 13.

# Clay Construction Products

## Index of Production

Index (1947-49=100)

Index (1947-49=100)



SOURCE: DEPARTMENT OF COMMERCE.

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Table F-9: Heating and Plumbing Equipment: Shipments and Stocks

| Period                     | Gas water heaters<br>(Thousands of units) |         | C. I. convectors and radiators<br>(Thousand square feet) |                  | Warm air furnaces<br>(Thousands of units) |         | Floor and wall furnaces<br>(Thousands of units) |         | Residential oil burners <sup>1</sup><br>(Thousands of units) |
|----------------------------|---|---------|--|------------------|---|---------|---|---------|--|
|                            | Shipments                                 | Stocks* | Shipments  | Stocks*          | Shipments                                 | Stocks* | Shipments                                       | Stocks* |  |
| 1947-49 average.....       | 1,818                                     | 67      | 50,980   | 4,377            | 794                                       | 69      | 552   | 44      | 541  |
| Year: 1956.....            | 2,712                                     | 134     | 29,567   | 3,810            | 1,355                                     | 218     | 492   | 70      | 532  |
| 1957.....                  | 2,825                                     | 79      | 24,892   | 3,482            | 1,131                                     | 183     | 469   | 65      | 425  |
| 1958.....                  | 2,622                                     | 83      | 20,386   | 3,182            | 1,185                                     | 149     | 464   | 49      | 354  |
| 12 months ending:          |   |         |  |                  |   |         |   |         |  |
| March 1959.....            | 2,710                                     | .....   | 20,498   | .....            | 1,243                                     | .....   | 498   | .....   | 381  |
| April 1959.....            | 2,739                                     | .....   | 20,938   | .....            | 1,269                                     | .....   | 512   | .....   | 391  |
| May 1959.....              | 2,761                                     | .....   | 20,877   | .....            | 1,290                                     | .....   | 525   | .....   | 395  |
| June 1959.....             | 2,771                                     | .....   | ( <sup>2</sup> )   | .....            | 1,310                                     | .....   | 537   | .....   | 413  |
| 1958: June.....            | 227                                       | 97      | 1,440  | 5,769            | 99  | 196     | 31  | 71      | 30   |
| July.....                  | 217                                       | 96      | 1,457  | 5,300            | 94  | 188     | 37  | 69      | 27   |
| August.....                | 212                                       | 82      | 2,095  | 4,950            | 124                                       | 174     | 41  | 65      | 35   |
| September.....             | 225                                       | 78      | 2,643  | 4,097            | 153                                       | 159     | 54  | 61      | 45   |
| October.....               | 255                                       | 54      | 2,765  | 3,355            | 145                                       | 147     | 69  | 53      | 50   |
| November.....              | 193                                       | 84      | 1,775  | 3,182            | 115                                       | 140     | 44  | 50      | 31   |
| December.....              | 204                                       | 83      | 1,253  | 3,182            | 91  | 149     | 43  | 49      | 25   |
| 1959: January.....         | 253                                       | 77      | 1,446  | 3,791            | 89  | 172     | 41  | 57      | 33   |
| February.....              | 247                                       | 78      | 1,415  | 4,234            | 86  | 191     | 42  | 61      | 30   |
| March.....                 | 253                                       | 86      | 1,713  | 4,596            | 95  | 207     | 38  | 59      | 29   |
| April.....                 | 248                                       | 75      | 1,801  | 4,715            | 98  | 220     | 43  | 59      | 29   |
| May.....                   | 228                                       | 104     | 1,074  | 5,305            | 101                                       | 230     | 40  | 69      | 31   |
| June.....                  | 237                                       | 94      | ( <sup>2</sup> )   | ( <sup>2</sup> ) | 119                                       | 226     | 43  | 77      | 48   |
| Percent change             |   |         |  |                  |   |         |   |         |  |
| May, 1958-59.....          | +11                                       | +18     | -5   | -2               | +26                                       | +19     | +51   | -3      | +17  |
| First 5 mos., 1958-59..... | +13                                       | .....   | +7   | .....            | +29                                       | .....   | +42   | .....   | +37  |

Source: Table compiled by Department of Commerce (BDSA) from data reported by the Bureau of the Census. \* As of end of period.

<sup>1</sup> Sold separately.<sup>2</sup> Not available.

Note: Table F-10, Imports and Exports of Selected Construction Materials, is shown quarterly in the February, May, August, and November issues.

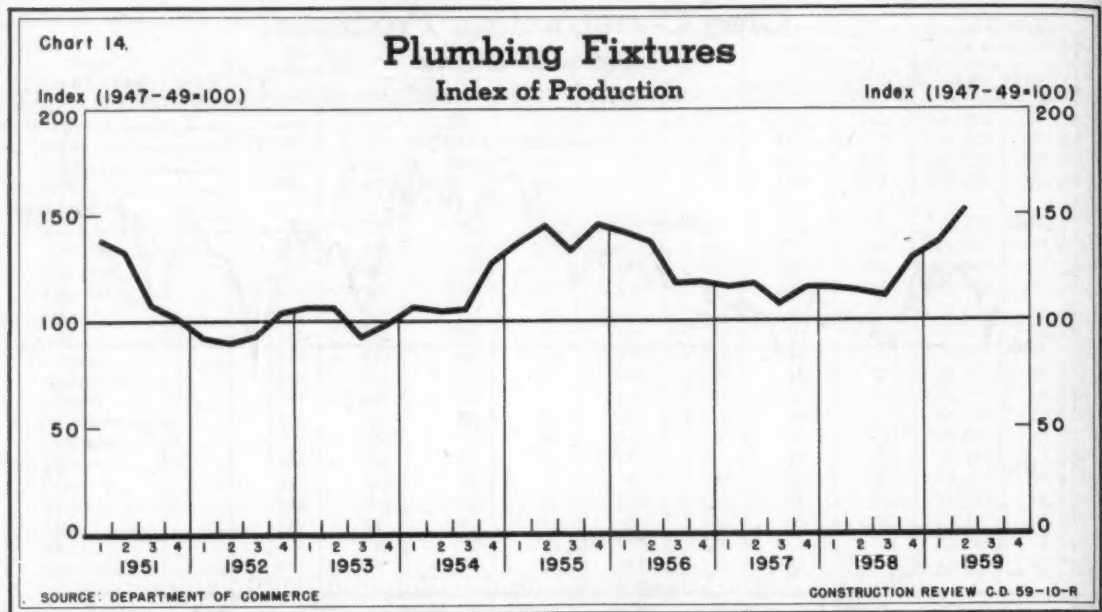


Table F-11: Plumbing Fixtures: Production, Shipments, and Stocks

| Type of fixture                           | Number of fixtures |             |          |                       |                          |                       | Percent change,<br>2d quarter, 1958-59 |           |                  |
|---|--------------------|-------------|----------|-----------------------|--------------------------|-----------------------|--|-----------|------------------|
|   | 2d quarter 1959    |             |          | 2d quarter 1958       |                          |                       | Production                             | Shipments | Stocks*          |
|   | Production         | Shipments   | Stocks*  | Production            | Shipments                | Stocks*               |  |           |                  |
| Lavatories .....                          | 1, 124, 319        | 1, 113, 542 | 548, 085 | <sup>1</sup> 877, 836 | <sup>1</sup> 912, 526    | <sup>1</sup> 621, 864 | + 28                                   | + 22      | - 12             |
| Vitreous china .....                      | 645, 823           | 653, 080    | 365, 293 | <sup>1</sup> 490, 018 | <sup>1</sup> 529, 148    | <sup>1</sup> 351, 007 | + 32                                   | + 23      | + 4              |
| Cast-iron .....                           | 416, 091           | 388, 904    | 155, 044 | 336, 089              | 318, 996                 | 239, 275              | + 24                                   | + 22      | - 35             |
| Steel .....                               | 62, 405            | 71, 558     | 27, 748  | 51, 729               | 64, 382                  | 31, 582               | + 21                                   | + 11      | - 12             |
| Water closets .....                       | 1, 281, 312        | 1, 279, 253 | 399, 090 | <sup>1</sup> 955, 038 | <sup>1</sup> 1, 035, 394 | <sup>1</sup> 513, 827 | + 34                                   | + 24      | - 22             |
| Syphon jet .....                          | 127, 725           | 139, 241    | 92, 483  | 125, 952              | 123, 758                 | 101, 144              | + 1                                    | + 13      | - 9              |
| Washdown .....                            | 556, 524           | 546, 491    | 139, 218 | <sup>1</sup> 412, 740 | <sup>1</sup> 453, 512    | <sup>1</sup> 177, 739 | + 35                                   | + 21      | - 22             |
| Reverse trap .....                        | 597, 063           | 593, 521    | 167, 389 | <sup>1</sup> 416, 346 | <sup>1</sup> 458, 124    | <sup>1</sup> 234, 944 | + 43                                   | + 30      | - 29             |
| Flush tanks, vitreous china .....         | 1, 169, 058        | 1, 120, 422 | 381, 469 | <sup>1</sup> 784, 425 | <sup>1</sup> 862, 416    | <sup>1</sup> 434, 732 | + 49                                   | + 30      | - 12             |
| Urinals, vitreous china .....             | 42, 701            | 45, 094     | 30, 299  | <sup>1</sup> 34, 408  | <sup>1</sup> 40, 355     | <sup>1</sup> 30, 285  | + 24                                   | + 12      | ( <sup>2</sup> ) |
| Kitchen sinks .....                       | 600, 190           | 577, 002    | 282, 962 | <sup>1</sup> 502, 155 | <sup>1</sup> 524, 048    | <sup>1</sup> 345, 058 | + 20                                   | + 10      | - 18             |
| Cast-iron .....                           | 253, 924           | 228, 312    | 106, 253 | 225, 468              | 207, 239                 | 169, 103              | + 13                                   | + 10      | - 37             |
| Steel .....                               | 345, 154           | 347, 699    | 176, 010 | <sup>1</sup> 276, 455 | <sup>1</sup> 316, 301    | <sup>1</sup> 175, 420 | + 25                                   | + 10      | ( <sup>2</sup> ) |
| Other metals and glazed earthenware ..... | 1, 112             | 991         | 699      | <sup>1</sup> 232      | <sup>1</sup> 508         | 535                   | ( <sup>3</sup> )                       | + 95      | + 31             |
| Wash sinks .....                          | 4, 071             | 5, 764      | 4, 982   | 7, 886                | 6, 696                   | 7, 661                | - 29                                   | - 14      | - 35             |
| Service sinks .....                       | 26, 708            | 27, 155     | 19, 032  | 32, 310               | 27, 801                  | 22, 016               | - 17                                   | - 2       | - 14             |
| Sink and laundry tray comb. ....          | 18, 285            | 18, 043     | 13, 832  | 23, 466               | 23, 959                  | 19, 437               | - 22                                   | - 25      | - 29             |
| Laundry trays .....                       | 19, 036            | 18, 671     | 9, 687   | <sup>1</sup> 20, 258  | <sup>1</sup> 18, 969     | <sup>1</sup> 13, 693  | - 6                                    | - 2       | - 29             |
| Bathtubs .....                            | 716, 017           | 676, 675    | 241, 214 | 525, 044              | 533, 675                 | 265, 407              | + 36                                   | + 27      | - 9              |
| Cast-iron .....                           | 487, 554           | 447, 372    | 164, 538 | 353, 971              | 360, 755                 | 209, 777              | + 38                                   | + 24      | - 22             |
| Steel .....                               | 228, 463           | 229, 303    | 76, 676  | 171, 073              | 172, 920                 | 55, 630               | + 34                                   | + 33      | + 38             |
| Shower stalls, including receptors..      | 52, 952            | 54, 252     | 10, 511  | <sup>1</sup> 52, 403  | <sup>1</sup> 52, 896     | <sup>1</sup> 11, 238  | + 1                                    | + 3       | - 6              |

Source: Table compiled by Department of Commerce (BDSC) from data reported by the Bureau of the Census.

\* As of end of period.

<sup>1</sup> Revised. <sup>2</sup> Change of less than one-half of 1 percent. <sup>3</sup> Percent increase exceeds 300 percent.

## Part G--Employment

NOTE: Beginning with data for January 1958, employment estimates for all States and areas (except as noted) are classified according to the Standard Industrial Classification Manual issued in 1957 by the Bureau of the Budget and are not strictly comparable with data for earlier periods.

Table G-1: Contract Construction: Employment by Type of Contractor

| Period                             | All contractors | Building contractors     |                     |                            |                      |                         |                 |              | Nonbuilding contractors |                    |                    |
|------------------------------------|-----------------|--------------------------|---------------------|----------------------------|----------------------|-------------------------|-----------------|--------------|-------------------------|--------------------|--------------------|
|                                    |                 | All building contractors | General contractors | Special trades contractors |                      |                         |                 |              | All non-building        | Highway and street | Other non-building |
|                                    |                 |                          |                     | All special trades         | Plumbing and heating | Painting and decorating | Electrical work | Other trades |                         |                    |                    |
| NUMBER OF EMPLOYEES (in thousands) |                 |                          |                     |                            |                      |                         |                 |              |                         |                    |                    |
| Year: 1952.....                    | 2,634.0         | 2,119.0                  | 948.3               | 1,170.8                    | 287.7                | 156.5                   | 155.7           | 570.9        | 514.0                   | 209.4              | 305.0              |
| 1953.....                          | 2,622.0         | 2,109.0                  | 934.0               | 1,175.1                    | 288.9                | 148.1                   | 159.7           | 578.4        | 513.0                   | 214.9              | 297.8              |
| 1954.....                          | 2,593.0         | 2,090.0                  | 885.7               | 1,204.0                    | 295.7                | 143.8                   | 164.4           | 600.1        | 503.0                   | 217.4              | 285.6              |
| 1955.....                          | 2,759.0         | 2,243.0                  | 922.6               | 1,320.8                    | 317.0                | 162.3                   | 168.4           | 673.1        | 516.0                   | 232.4              | 284.0              |
| 1956.....                          | 2,929.0         | 2,336.0                  | 970.0               | 1,366.0                    | 328.7                | 170.9                   | 186.2           | 680.2        | 593.0                   | 257.9              | 335.3              |
| 1957.....                          | 2,808.0         | 2,222.0                  | 869.3               | 1,352.7                    | 321.7                | 164.2                   | 188.9           | 677.9        | 586.0                   | 250.1              | 335.6              |
| 1958.....                          | 2,648.0         | 2,079.0                  | 750.6               | 1,328.6                    | 303.6                | 169.6                   | 173.2           | 682.2        | 569.0                   | 256.0              | 313.2              |
| 1958: July.....                    | 2,882.0         | 2,226.0                  | 811.0               | 1,414.9                    | 311.6                | 197.4                   | 173.9           | 732.0        | 656.0                   | 318.1              | 337.7              |
| Aug.....                           | 2,955.0         | 2,285.0                  | 825.0               | 1,459.5                    | 318.7                | 200.7                   | 182.2           | 757.9        | 670.0                   | 326.1              | 343.6              |
| Sept.....                          | 2,927.0         | 2,255.0                  | 802.1               | 1,453.0                    | 321.9                | 193.5                   | 187.1           | 750.5        | 672.0                   | 328.4              | 343.5              |
| Oct.....                           | 2,887.0         | 2,235.0                  | 789.2               | 1,445.3                    | 323.7                | 189.4                   | 183.9           | 748.3        | 652.0                   | 317.3              | 335.1              |
| Nov.....                           | 2,784.0         | 2,179.0                  | 769.0               | 1,410.3                    | 315.3                | 181.6                   | 179.3           | 734.1        | 605.0                   | 286.7              | 318.1              |
| Dec.....                           | 2,486.0         | 1,980.0                  | 677.8               | 1,302.5                    | 308.6                | 163.8                   | 177.4           | 652.7        | 506.0                   | 217.0              | 289.0              |
| Jan.....                           | 2,343.0         | 1,906.0                  | 650.8               | 1,255.3                    | 295.8                | 147.8                   | 170.9           | 640.8        | 437.0                   | 175.7              | 261.6              |
| Feb.....                           | 2,256.0         | 1,837.0                  | 623.5               | 1,213.2                    | 287.6                | 141.5                   | 165.6           | 618.5        | 419.0                   | 164.3              | 254.6              |
| Mar.....                           | 2,417.0         | 1,945.0                  | 671.8               | 1,273.2                    | 292.6                | 154.0                   | 160.4           | 666.2        | 472.0                   | 194.0              | 277.6              |
| Apr.....                           | 2,662.0         | 2,091.0                  | 742.2               | 1,348.5                    | 301.6                | 174.4                   | 161.6           | 710.9        | 571.0                   | 254.9              | 315.8              |
| 1959: May.....                     | 2,834.0         | 2,184.0                  | 776.5               | 1,407.6                    | 305.3                | 199.4                   | 169.6           | 733.3        | 650.0                   | 310.5              | 339.8              |
| June.....                          | 2,986.0         | 2,301.0                  | 824.0               | 1,477.2                    | 314.0                | 217.7                   | 176.5           | 769.0        | 685.0                   | 335.0              | 350.0              |
| July.....                          | 3,045.0         | 2,360.0                  | 841.4               | 1,518.1                    | 321.9                | 239.4                   | 179.2           | 777.6        | 685.0                   | 343.2              | 341.7              |
| Aug.....                           | *3,127.0        | (1)                      | (1)                 | (1)                        | (1)                  | (1)                     | (1)             | (1)          | (1)                     | (1)                | (1)                |
| Percent change                     |                 |                          |                     |                            |                      |                         |                 |              |                         |                    |                    |
| June-July 1959                     | +2.0            | +2.6                     | +2.1                | +2.8                       | +2.5                 | +10.0                   | +1.5            | +1.1         | 0                       | +2.5               | -2.4               |
| July 1958-59...                    | +5.7            | +6.0                     | +3.7                | +7.3                       | +3.3                 | +21.3                   | +3.0            | +6.2         | +4.4                    | +7.9               | +1.2               |

Source: Department of Labor, Bureau of Labor Statistics. \*Percent change: July-August 1959, +2.7; August 1958-59, +5.8.

<sup>1</sup>Not available.

Table G-2: Contract Construction: Number of Employees (Seasonally Adjusted)

(In thousands)

| Year      | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July  | Aug.  | Sept. | Oct.  | Nov.  | Dec.  | Annual average |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| 1948..... | 2,120 | 2,015 | 2,065 | 2,105 | 2,136 | 2,184 | 2,199 | 2,212 | 2,220 | 2,229 | 2,249 | 2,251 | 2,169          |
| 1949..... | 2,222 | 2,171 | 2,146 | 2,128 | 2,124 | 2,130 | 2,157 | 2,176 | 2,197 | 2,192 | 2,190 | 2,141 | 2,165          |
| 1950..... | 2,119 | 2,101 | 2,105 | 2,173 | 2,236 | 2,337 | 2,405 | 2,451 | 2,473 | 2,502 | 2,517 | 2,471 | 2,333          |
| 1951..... | 2,526 | 2,521 | 2,569 | 2,593 | 2,596 | 2,613 | 2,633 | 2,641 | 2,630 | 2,653 | 2,606 | 2,620 | 2,603          |
| 1952..... | 2,599 | 2,624 | 2,588 | 2,586 | 2,597 | 2,645 | 2,658 | 2,672 | 2,682 | 2,648 | 2,650 | 2,632 | 2,634          |
| 1953..... | 2,647 | 2,669 | 2,653 | 2,638 | 2,613 | 2,598 | 2,588 | 2,596 | 2,612 | 2,632 | 2,623 | 2,626 | 2,622          |
| 1954..... | 2,533 | 2,583 | 2,600 | 2,614 | 2,603 | 2,599 | 2,591 | 2,594 | 2,586 | 2,584 | 2,618 | 2,615 | 2,593          |
| 1955..... | 2,624 | 2,618 | 2,703 | 2,759 | 2,813 | 2,823 | 2,829 | 2,813 | 2,810 | 2,777 | 2,760 | 2,750 | 2,759          |
| 1956..... | 2,768 | 2,802 | 2,834 | 2,891 | 2,964 | 3,079 | 2,984 | 3,007 | 2,980 | 2,951 | 2,926 | 2,917 | 2,929          |
| 1957..... | 2,798 | 2,831 | 2,859 | 2,855 | 2,891 | 2,899 | 2,847 | 2,805 | 2,782 | 2,763 | 2,710 | 2,679 | 2,808          |
| 1958..... | 2,652 | 2,455 | 2,573 | 2,624 | 2,698 | 2,698 | 2,693 | 2,711 | 2,698 | 2,698 | 2,690 | 2,550 | 2,648          |
| 1959..... | 2,650 | 2,626 | 2,719 | 2,829 | 2,787 | 2,799 | 2,809 | 2,832 |       |       |       |       |                |

Source: Department of Labor, Bureau of Labor Statistics.

Table G-3:--Contract Construction: Employment, by State

| State                          | Number of employees (in thousands) |        |        |        |       |       |       |       |       |       |                  | Percent<br>change,<br>July<br>1958-59 |
|--------------------------------|------------------------------------|--------|--------|--------|-------|-------|-------|-------|-------|-------|------------------|---------------------------------------|
|                                | 1958                               |        |        |        | 1959  |       |       |       |       |       |                  |                                       |
|                                | July                               | Oct.   | Nov.   | Dec.   | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July             |                                       |
| Alabama .....                  | 40.3                               | 41.2   | 40.4   | 38.7   | 37.9  | 37.6  | 38.7  | 39.1  | 40.2  | 40.9  | 41.3             | + 2                                   |
| Arizona .....                  | 27.4                               | 29.6   | 29.2   | 29.7   | 28.2  | 27.5  | 28.2  | 28.8  | 29.1  | 25.0  | 16.5             | -40                                   |
| Arkansas .....                 | 21.2                               | 22.2   | 21.5   | 16.3   | 14.9  | 14.2  | 14.9  | 16.0  | 18.1  | 18.8  | 19.0             | -10                                   |
| California .....               | 289.1                              | 295.9  | 286.2  | 280.0  | 262.2 | 255.5 | 272.8 | 281.1 | 290.7 | 293.6 | 299.8            | + 4                                   |
| Colorado .....                 | 38.1                               | 35.4   | 34.8   | 34.2   | 31.8  | 30.6  | 31.9  | 32.8  | 34.8  | 36.8  | 39.1             | + 3                                   |
| Connecticut <sup>1</sup> ..... | 51.9                               | 50.2   | 47.4   | 43.9   | 39.0  | 37.4  | 37.9  | 41.6  | 43.2  | 47.6  | 49.4             | - 5                                   |
| Delaware .....                 | 13.2                               | 12.3   | 12.5   | 10.7   | 9.9   | 9.9   | 10.5  | 11.6  | 11.8  | 12.2  | 12.3             | - 7                                   |
| District of Columbia..         | 20.6                               | 21.3   | 21.4   | 20.6   | 20.1  | 19.2  | 20.2  | 21.0  | 21.1  | 21.9  | 22.0             | + 7                                   |
| Florida .....                  | 128.3                              | 135.7  | 133.0  | 129.6  | 129.5 | 127.7 | 126.5 | 126.3 | 131.0 | 133.3 | 138.0            | + 8                                   |
| Georgia .....                  | 57.8                               | 59.9   | 57.7   | 53.5   | 53.2  | 51.3  | 55.4  | 57.4  | 59.3  | 61.6  | 63.2             | + 9                                   |
| Idaho .....                    | 12.5                               | 12.4   | 11.4   | 10.5   | 9.4   | 8.9   | 9.8   | 10.8  | 11.8  | 12.5  | 12.7             | + 2                                   |
| Illinois .....                 | 176.8                              | 177.7  | 171.9  | 144.3  | 144.6 | 139.0 | 146.9 | 165.3 | 173.3 | 178.7 | ( <sup>2</sup> ) | .....                                 |
| Indiana .....                  | 70.2                               | 68.9   | 64.3   | 52.2   | 51.3  | 49.3  | 51.5  | 57.9  | 61.5  | 65.0  | 67.9             | - 3                                   |
| Iowa .....                     | 36.8                               | 37.3   | 36.5   | 29.7   | 27.7  | 25.9  | 27.0  | 32.9  | 35.0  | 41.0  | ( <sup>2</sup> ) | .....                                 |
| Kansas .....                   | 40.6                               | 40.4   | 38.4   | 33.8   | 31.5  | 29.1  | 34.7  | 36.2  | 37.5  | 39.2  | 39.8             | - 2                                   |
| Kentucky .....                 | 37.1                               | 36.3   | 35.0   | 30.2   | 29.4  | 29.3  | 31.2  | 35.7  | 37.4  | 39.5  | 40.0             | + 8                                   |
| Louisiana .....                | 64.0                               | 65.4   | 65.1   | 63.6   | 61.3  | 59.4  | 60.7  | 60.9  | 62.0  | 62.4  | 61.6             | - 4                                   |
| Maine .....                    | 14.7                               | 14.9   | 13.9   | 11.2   | 10.0  | 9.4   | 9.0   | 10.2  | 12.6  | 14.1  | 15.2             | + 3                                   |
| Maryland .....                 | 65.9                               | 64.7   | 62.9   | 56.5   | 49.7  | 49.8  | 54.5  | 58.8  | 61.4  | 65.7  | 66.7             | + 1                                   |
| Massachusetts .....            | 83.2                               | 83.2   | 80.6   | 71.6   | 63.2  | 60.1  | 61.7  | 70.3  | 78.0  | 81.6  | 82.0             | - 1                                   |
| Michigan .....                 | 103.5                              | 102.5  | 98.1   | 85.5   | 81.4  | 78.1  | 81.4  | 93.1  | 104.5 | 108.1 | 115.1            | +11                                   |
| Minnesota .....                | 61.0                               | 62.5   | 56.5   | 46.8   | 41.6  | 39.9  | 41.5  | 48.5  | 54.4  | 62.5  | 66.3             | + 9                                   |
| Mississippi .....              | 24.4                               | 24.5   | 23.8   | 21.4   | 19.7  | 18.2  | 19.7  | 21.2  | 22.4  | 23.4  | 25.5             | + 5                                   |
| Missouri .....                 | 67.3                               | 69.2   | 70.0   | 61.2   | 57.7  | 55.2  | 59.9  | 63.1  | 65.5  | 68.0  | 69.2             | + 3                                   |
| Montana .....                  | 12.8                               | 12.3   | 11.0   | 9.1    | 8.7   | 7.8   | 8.4   | 11.3  | 13.0  | 14.1  | 14.8             | +16                                   |
| Nebraska .....                 | 20.2                               | 24.8   | 23.2   | 20.6   | 19.4  | 18.2  | 19.0  | 21.5  | 22.6  | 25.0  | 25.9             | +28                                   |
| Nevada .....                   | 6.8                                | 7.0    | 6.9    | 6.5    | 6.0   | 5.9   | 6.6   | 7.0   | 7.2   | 7.7   | 6.8              | 0                                     |
| New Hampshire .....            | 10.3                               | 9.8    | 9.5    | 8.4    | 7.2   | 6.9   | 6.9   | 7.8   | 9.1   | 9.9   | 10.5             | + 2                                   |
| New Jersey .....               | 96.7                               | 94.4   | 91.6   | 83.4   | 78.2  | 77.0  | 83.5  | 89.2  | 92.5  | 92.1  | 97.0             | ( <sup>3</sup> )                      |
| New Mexico .....               | 20.7                               | 21.6   | 22.4   | 22.0   | 22.0  | 22.7  | 23.0  | 23.6  | 23.2  | 23.2  | 21.4             | + 3                                   |
| New York .....                 | *270.9                             | *273.3 | *266.9 | *238.4 | 220.7 | 215.4 | 226.0 | 245.9 | 262.3 | 275.2 | 267.1            | - 1                                   |
| North Carolina .....           | 60.4                               | 60.2   | 58.4   | 52.9   | 51.4  | 51.7  | 54.1  | 55.0  | 56.8  | 58.0  | 57.7             | - 4                                   |
| North Dakota .....             | 13.7                               | 13.8   | 12.3   | 7.9    | 6.3   | 6.1   | 6.0   | 7.8   | 11.2  | 12.9  | 13.9             | + 1                                   |
| Ohio .....                     | 162.0                              | 162.4  | 154.1  | 133.2  | 127.1 | 123.9 | 126.8 | 139.8 | 149.7 | 158.7 | 165.5            | + 2                                   |
| Oklahoma .....                 | 34.0                               | 33.2   | 32.8   | 31.5   | 30.5  | 31.0  | 33.6  | 34.0  | 34.2  | 34.7  | 34.9             | + 3                                   |
| Oregon .....                   | 28.3                               | 29.7   | 25.7   | 24.0   | 21.1  | 21.1  | 21.9  | 23.6  | 24.4  | 24.9  | 28.8             | + 2                                   |
| Pennsylvania .....             | 176.0                              | 179.1  | 170.6  | 145.1  | 136.4 | 134.4 | 142.2 | 166.6 | 176.6 | 180.9 | 185.6            | + 5                                   |
| Rhode Island .....             | 19.7                               | 20.3   | 20.0   | 17.9   | 16.0  | 14.7  | 15.8  | 18.4  | 20.0  | 20.8  | 20.5             | + 4                                   |
| South Carolina .....           | 29.6                               | 29.6   | 29.1   | 27.6   | 28.2  | 26.7  | 27.4  | 28.0  | 28.7  | 29.5  | 29.8             | + 1                                   |
| South Dakota .....             | 9.4                                | 9.4    | 7.9    | 5.9    | 5.5   | 5.2   | 5.5   | 7.9   | 9.2   | 10.5  | 10.8             | +15                                   |
| Tennessee .....                | 42.6                               | 46.3   | 44.7   | 41.4   | 37.2  | 38.2  | 42.0  | 44.0  | 44.6  | 45.9  | 47.2             | +11                                   |
| Texas .....                    | 165.3                              | 159.9  | 165.0  | 167.5  | 164.3 | 163.9 | 168.1 | 169.1 | 173.5 | 177.5 | 180.5            | + 9                                   |
| Utah <sup>4</sup> .....        | 16.3                               | 17.4   | 16.4   | 14.9   | 13.1  | 12.4  | 13.6  | 16.0  | 17.4  | 17.9  | 18.5             | +13                                   |
| Vermont .....                  | 7.6                                | 7.1    | 6.7    | 5.9    | 4.8   | 4.1   | 4.1   | 5.4   | 6.7   | 7.3   | 7.7              | + 1                                   |
| Virginia .....                 | 70.4                               | 69.0   | 67.1   | 61.6   | 59.6  | 60.0  | 63.5  | 67.8  | 70.6  | 73.7  | 75.1             | + 7                                   |
| Washington .....               | 48.7                               | 49.2   | 45.9   | 42.9   | 40.1  | 40.3  | 44.1  | 46.1  | 45.6  | 48.6  | 49.9             | + 2                                   |
| West Virginia .....            | 22.8                               | 25.3   | 23.7   | 21.7   | 20.5  | 20.4  | 20.9  | 22.0  | 23.9  | 24.8  | 25.4             | +11                                   |
| Wisconsin .....                | 57.6                               | 57.4   | 54.8   | 48.2   | 45.9  | 43.1  | 43.8  | 47.5  | 54.6  | 59.3  | 61.7             | + 7                                   |
| Wyoming .....                  | 9.1                                | 8.6    | 8.1    | 6.6    | 6.0   | 5.7   | 5.8   | 7.2   | 8.6   | 9.6   | 10.0             | +10                                   |

Source: State agencies in cooperation with the Department of Labor, Bureau of Labor Statistics. \*Based on the 1942 Social Security Board Industrial Classification Code. See note at beginning of Part G. <sup>1</sup>Includes a small number of employees in mining. <sup>2</sup>Not available. <sup>3</sup>Change of less than one-half of 1 percent. <sup>4</sup>Data revised from January 1958. Revised statistics for months not shown here are available upon request.



Table G-4: Contract Construction: Employment in Selected Metropolitan Areas

| Area                                 | Number of employees (in thousands) |       |       |       |       |       |       |       |       |       |                  | Percent change, July 1958-59 |
|--------------------------------------|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------|------------------------------|
|                                      | 1958                               |       |       |       | 1959  |       |       |       |       |       |                  |                              |
|                                      | July                               | Oct.  | Nov.  | Dec.  | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July             |                              |
| Akron, Ohio.....                     | 8.2                                | 8.7   | 8.4   | 6.4   | 5.7   | 5.6   | 5.4   | 6.6   | 7.6   | 7.9   | 8.9              | + 9                          |
| Albany-Schenectady-Troy, N. Y....    | 7.5                                | 7.9   | 7.7   | 6.5   | 5.3   | 4.9   | 4.9   | 5.9   | 6.4   | 6.5   | 6.9              | - 8                          |
| Albuquerque, N. Mex.....             | 6.8                                | 7.1   | 7.2   | 7.3   | 7.3   | 7.5   | 7.7   | 7.8   | 7.5   | 7.7   | 7.8              | +15                          |
| Allentown-Bethlehem-Easton, Pa..     | 7.9                                | 7.2   | 7.1   | 6.2   | 5.5   | 5.9   | 6.4   | 7.3   | 8.0   | 8.1   | 8.1              | + 3                          |
| Atlanta, Ga.....                     | 23.3                               | 23.5  | 22.7  | 21.8  | 21.7  | 20.8  | 22.5  | 23.5  | 23.7  | 25.0  | 25.1             | + 8                          |
| Baltimore, Md.....                   | 38.3                               | 37.4  | 36.1  | 33.0  | 29.7  | 30.0  | 33.6  | 36.4  | 38.2  | 40.1  | 40.8             | + 7                          |
| Baton Rouge, La.....                 | 8.1                                | 9.2   | 8.9   | 8.8   | 8.6   | 8.1   | 8.4   | 8.8   | 8.9   | 8.6   | 8.9              | +10                          |
| Binghamton, N. Y.....                | 3.2                                | 3.4   | 3.2   | 2.4   | 2.3   | 2.2   | 2.3   | 2.8   | 3.5   | 3.7   | 3.7              | +16                          |
| Birmingham, Ala.....                 | 12.4                               | 13.7  | 13.3  | 12.9  | 11.4  | 12.7  | 12.8  | 13.1  | 13.5  | 13.9  | 14.2             | +15                          |
| Boise, Idaho.....                    | 2.0                                | 1.9   | 1.9   | 1.7   | 1.6   | 1.6   | 1.7   | 1.8   | 1.9   | 2.1   | 2.3              | +15                          |
| Boston, Mass.....                    | 49.0                               | 48.6  | 47.1  | 41.7  | 36.7  | 35.0  | 36.2  | 42.4  | 46.7  | 48.4  | 48.3             | - 1                          |
| Bridgeport, Conn. <sup>1</sup> ..... | 5.9                                | 5.7   | 5.5   | 5.3   | 4.8   | 4.5   | 4.6   | 5.0   | 4.2   | 5.7   | 5.7              | - 3                          |
| Buffalo, N. Y.....                   | 24.1                               | 26.1  | 23.5  | 20.0  | 18.9  | 17.4  | 18.1  | 21.1  | 23.6  | 25.9  | 27.0             | +12                          |
| Canton, Ohio.....                    | 4.5                                | 4.1   | 4.0   | 2.9   | 2.9   | 2.8   | 3.1   | 3.0   | 3.9   | 4.3   | 4.5              | 0                            |
| Casper, Wyo.....                     | 1.4                                | 1.4   | 1.4   | 1.4   | 1.4   | 1.5   | 1.5   | 1.8   | 2.1   | 2.3   | 2.5              | +79                          |
| Charleston, S. C.....                | 4.0                                | 4.1   | 4.1   | 4.2   | 4.4   | 4.3   | 4.3   | 4.2   | 4.2   | 4.2   | 4.4              | +10                          |
| Charleston, W. Va.....               | 4.2                                | 4.7   | 4.3   | 3.9   | 3.7   | 3.8   | 3.8   | 4.3   | 4.6   | 4.9   | 5.1              | +21                          |
| Charlotte, N. C.....                 | 6.5                                | 6.6   | 6.3   | 5.7   | 5.4   | 5.3   | 5.6   | 5.7   | 5.8   | 6.1   | 6.3              | - 3                          |
| Chattanooga, Tenn.....               | 3.3                                | 3.5   | 3.6   | 3.6   | 3.4   | 3.9   | 4.3   | 4.3   | 4.3   | 4.3   | 4.1              | +24                          |
| Chicago, Ill.....                    | 132.5                              | 132.4 | 128.9 | 106.5 | 107.1 | 104.0 | 109.5 | 120.3 | 125.5 | 127.6 | ( <sup>2</sup> ) | .....                        |
| Cincinnati, Ohio.....                | 19.2                               | 19.9  | 19.7  | 17.3  | 16.6  | 16.1  | 16.6  | 18.3  | 19.1  | 19.2  | 19.0             | - 1                          |
| Cleveland, Ohio.....                 | 33.9                               | 34.1  | 32.4  | 27.8  | 26.5  | 24.4  | 25.6  | 28.0  | 29.4  | 31.9  | 33.5             | - 1                          |
| Columbus, Ohio.....                  | 15.3                               | 15.5  | 14.9  | 12.3  | 11.3  | 11.4  | 11.7  | 13.5  | 13.9  | 15.5  | 16.5             | + 8                          |
| Dayton, Ohio.....                    | 8.0                                | 8.4   | 8.0   | 6.2   | 5.9   | 6.1   | 6.4   | 7.2   | 7.7   | 8.3   | 8.5              | + 6                          |
| Denver, Colo.....                    | 20.9                               | 21.5  | 21.6  | 21.3  | 19.6  | 18.7  | 19.4  | 19.8  | 20.9  | 22.8  | 24.2             | +16                          |
| Des Moines, Iowa.....                | 5.5                                | 5.8   | 5.6   | 5.0   | 4.6   | 4.4   | 4.7   | 5.7   | 4.2   | 6.4   | ( <sup>2</sup> ) | .....                        |
| Detroit, Mich.....                   | 48.3                               | 51.2  | 48.6  | 43.1  | 38.7  | 37.5  | 40.7  | 43.8  | 48.5  | 48.1  | 52.2             | + 8                          |
| Duluth, Mich.....                    | 2.5                                | 3.1   | 2.8   | 2.3   | 1.9   | 1.8   | 1.7   | 1.9   | 2.0   | 2.6   | 2.7              | + 8                          |
| Evansville, Ind.....                 | 3.1                                | 3.1   | 3.0   | 2.6   | 2.4   | 2.3   | 2.3   | 2.4   | 2.4   | 2.6   | 2.7              | -13                          |
| Fargo, N. D.....                     | 2.6                                | 3.1   | 2.9   | 2.0   | 1.6   | 1.6   | 1.5   | 2.1   | 2.9   | 3.3   | 3.5              | +35                          |
| Fort Wayne, Ind.....                 | 3.9                                | 3.5   | 3.4   | 3.1   | 2.9   | 2.8   | 2.9   | 3.3   | 3.4   | 3.5   | 3.5              | -10                          |
| Great Falls, Mont.....               | 2.0                                | 2.1   | 1.9   | 1.5   | 1.4   | 1.2   | 1.4   | 1.7   | 1.9   | 2.1   | 2.1              | + 5                          |
| Harrisburg, Pa.....                  | 8.3                                | 8.4   | 7.6   | 6.3   | 5.7   | 5.5   | 6.1   | 6.8   | 7.2   | 7.2   | 8.4              | + 1                          |
| Hartford, Conn. <sup>1</sup> .....   | 11.0                               | 10.8  | 10.6  | 9.9   | 8.9   | 8.8   | 9.0   | 9.6   | 10.3  | 10.8  | 10.9             | - 1                          |
| Huntington-Ashland, W. Va.....       | 2.9                                | 2.9   | 2.9   | 2.7   | 2.5   | 2.3   | 2.4   | 2.4   | 2.7   | 2.5   | 2.7              | - 7                          |
| Indianapolis, Ind.....               | 13.5                               | 13.6  | 12.8  | 10.1  | 10.2  | 10.0  | 10.5  | 11.5  | 12.4  | 12.8  | 13.2             | - 2                          |
| Jackson, Miss.....                   | 5.2                                | 5.0   | 4.8   | 4.1   | 3.7   | 3.6   | 3.8   | 3.8   | 3.9   | 3.8   | 4.1              | -21                          |
| Jacksonville, Fla.....               | 10.6                               | 11.0  | 10.9  | 11.0  | 10.8  | 10.7  | 11.1  | 11.4  | 11.6  | 11.5  | 11.2             | + 6                          |
| Kansas City, Mo.....                 | 25.2                               | 26.0  | 26.5  | 24.2  | 23.3  | 22.2  | 24.3  | 25.5  | 27.0  | 27.6  | 26.7             | + 6                          |
| Knoxville, Tenn.....                 | 3.1                                | 7.0   | 7.1   | 6.7   | 6.6   | 6.6   | 7.4   | 7.4   | 7.8   | 8.7   | 8.8              | +184                         |
| Lewiston-Auburn, Maine.....          | 1.0                                | 1.1   | 1.1   | 1.0   | .9    | .8    | .8    | .9    | 1.0   | 1.1   | 1.2              | +20                          |
| Little Rock-N. Little Rock, Ark....  | 7.3                                | 7.3   | 6.0   | 5.1   | 4.6   | 4.3   | 4.7   | 4.9   | 5.3   | 5.9   | 6.1              | -16                          |
| Los Angeles-Long Beach, Calif....    | 123.0                              | 127.1 | 124.4 | 124.8 | 122.7 | 117.9 | 125.6 | 128.2 | 132.6 | 132.1 | 135.3            | +10                          |
| Louisville, Ky.....                  | 13.8                               | 12.9  | 12.4  | 11.3  | 10.7  | 10.8  | 12.4  | 13.7  | 13.8  | 14.6  | 15.2             | +10                          |
| Manchester, N. H.....                | 2.2                                | 2.1   | 2.0   | 1.8   | 1.6   | 1.5   | 1.5   | 1.8   | 1.9   | 2.2   | 2.3              | + 5                          |
| Memphis, Tenn.....                   | 11.9                               | 12.4  | 11.7  | 11.2  | 10.4  | 10.7  | 11.4  | 11.6  | 11.4  | 11.5  | 11.9             | 0                            |
| Miami, Fla.....                      | 30.5                               | 30.7  | 29.7  | 28.7  | 28.3  | 27.6  | 26.0  | 26.9  | 28.0  | 29.4  | 31.7             | + 4                          |
| Milwaukee, Wis.....                  | 21.7                               | 22.2  | 21.5  | 19.1  | 18.8  | 18.0  | 18.2  | 19.4  | 21.3  | 22.7  | 23.0             | + 6                          |
| Minneapolis-St. Paul, Minn.....      | 32.3                               | 33.7  | 31.5  | 28.6  | 25.7  | 24.5  | 25.9  | 28.7  | 29.1  | 32.3  | 33.8             | + 5                          |
| Mobile, Ala.....                     | 5.4                                | 5.4   | 5.2   | 5.2   | 5.3   | 5.4   | 5.5   | 5.5   | 5.6   | 5.8   | 6.0              | +11                          |
| Nashville, Tenn.....                 | 7.1                                | 7.4   | 7.3   | 6.7   | 6.3   | 6.1   | 6.4   | 7.0   | 7.1   | 7.3   | 7.6              | + 7                          |
| New Bedford, Mass.....               | 1.0                                | 1.2   | 1.2   | 1.1   | 1.0   | .9    | 1.0   | 1.3   | 1.4   | 1.4   | 1.7              | +70                          |
| New Britain, Conn.....               | 1.5                                | 1.5   | 1.5   | 1.4   | 1.2   | 1.2   | 1.2   | 1.4   | 1.5   | 1.5   | 1.5              | 0                            |
| New Haven, Conn. <sup>1</sup> .....  | 7.7                                | 7.5   | 7.4   | 7.0   | 6.4   | 6.3   | 6.4   | 7.0   | 7.7   | 7.8   | 7.9              | + 3                          |
| New Orleans, La.....                 | 19.8                               | 19.1  | 19.4  | 19.1  | 18.5  | 18.3  | 18.3  | 18.1  | 18.3  | 18.2  | 18.0             | - 9                          |

See footnotes at end of table.

Table G-4: Contract Construction: Employment in Selected Metropolitan Areas—Continued

| Area                                    | Number of employees (in thousands) |        |        |        |       |       |       |       |       |       |       | Percent change,<br>July<br>1958-59 |
|---|------------------------------------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|------------------------------------|
|   | 1958                               |        |        |        | 1959  |       |       |       |       |       |       |                                    |
|   | July                               | Oct.   | Nov.   | Dec.   | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July  |                                    |
| New York-Northeastern N. Jersey...      | 242.6                              | 240.3  | 237.2  | 217.4  | 201.7 | 193.4 | 203.8 | 219.7 | 228.7 | 238.7 | 224.2 | - 8                                |
| Newark-Jersey City, N. J.....           | 30.3                               | 30.0   | 29.3   | 28.0   | 26.0  | 25.5  | 26.8  | 27.7  | 29.0  | 29.2  | 31.2  | + 3                                |
| Paterson, N. J.....                     | 25.4                               | 24.3   | 23.5   | 21.2   | 19.8  | 18.9  | 19.7  | 21.9  | 22.6  | 23.0  | 24.4  | - 4                                |
| Perth Amboy, N. J.....                  | 8.7                                | 9.4    | 9.3    | 8.5    | 8.7   | 7.7   | 8.0   | 8.5   | 9.0   | 9.3   | 10.2  | +17                                |
| Nassau-Suffolk Counties, N.Y....        | 35.0                               | 33.8   | 33.6   | 28.8   | 23.0  | 20.9  | 24.0  | 28.5  | 31.2  | 34.3  | 27.9  | -20                                |
| New York, N.Y.....                      | *120.8                             | *121.8 | *120.6 | *113.5 | 108.4 | 104.5 | 108.2 | 112.7 | 114.1 | 119.5 | 106.9 | -12                                |
| Westchester County, N. Y.....           | 21.3                               | 19.5   | 19.4   | 16.3   | 13.8  | 13.9  | 14.3  | 17.4  | 19.4  | 19.8  | 19.7  | - 8                                |
| Norfolk-Portsmouth, Va.....             | 12.4                               | 12.2   | 11.8   | 11.3   | 11.5  | 11.6  | 12.1  | 12.9  | 13.3  | 14.2  | 14.4  | +16                                |
| Oklahoma City, Okla.....                | 10.2                               | 9.9    | 10.0   | 9.7    | 9.5   | 9.7   | 10.4  | 10.6  | 11.0  | 11.7  | 12.0  | +18                                |
| Omaha, Nebr. <sup>1</sup> .....         | 7.5                                | 11.3   | 10.5   | 9.4    | 9.0   | 8.4   | 8.9   | 9.8   | 10.1  | 10.8  | 11.3  | +51                                |
| Peoria, Ill.....                        | *4.4                               | *4.3   | *4.2   | *4.0   | (2)   | (2)   | (2)   | (2)   | (2)   | (2)   | (2)   | .....                              |
| Philadelphia, Pa.....                   | 75.7                               | 79.5   | 77.3   | 66.7   | 62.8  | 61.8  | 65.1  | 72.0  | 76.2  | 77.8  | 78.4  | + 4                                |
| Phoenix, Ariz.....                      | 14.9                               | 15.6   | 15.4   | 15.8   | 15.2  | 15.0  | 15.3  | 15.9  | 16.1  | 13.9  | 8.8   | -41                                |
| Pittsburgh, Pa.....                     | 42.2                               | 44.6   | 42.1   | 36.2   | 34.9  | 35.2  | 36.7  | 40.6  | 41.8  | 42.5  | 44.3  | + 5                                |
| Portland, Maine.....                    | 3.6                                | 3.7    | 3.5    | 3.4    | 2.7   | 2.3   | 2.2   | 2.5   | 2.8   | 3.2   | 3.7   | + 3                                |
| Portland, Oreg.....                     | 15.4                               | 15.6   | 14.1   | 13.6   | 12.3  | 12.6  | 12.8  | 13.7  | 13.9  | 14.1  | 15.4  | 0                                  |
| Providence, R. I.....                   | 17.4                               | 18.0   | 17.7   | 15.8   | 14.2  | 13.0  | 14.0  | 16.3  | 17.7  | 18.5  | 18.1  | + 4                                |
| Racine, Wis.....                        | 1.9                                | 2.2    | 2.0    | 1.5    | 1.4   | 1.3   | 1.3   | 1.5   | 2.0   | 2.1   | 2.5   | +32                                |
| Reno, Nev.....                          | 2.8                                | 2.9    | 2.8    | 2.6    | 2.4   | 2.3   | 2.5   | 2.7   | 2.9   | 2.9   | 2.6   | - 7                                |
| Richmond, Va.....                       | 12.9                               | 12.0   | 11.7   | 10.9   | 10.9  | 11.3  | 11.7  | 12.3  | 12.4  | 12.9  | 12.8  | - 1                                |
| Rochester, N. Y.....                    | 10.6                               | 11.1   | 10.6   | 9.4    | 8.3   | 7.5   | 7.3   | 8.3   | 9.4   | 10.3  | 10.9  | + 3                                |
| Rockford, Ill. <sup>1</sup> .....       | *4.5                               | *4.4   | *4.1   | *3.1   | (2)   | (2)   | (2)   | (2)   | (2)   | (2)   | (2)   | .....                              |
| Sacramento, Calif.....                  | 10.0                               | 10.5   | 10.1   | 9.8    | 8.9   | 8.6   | 9.1   | 9.6   | 10.6  | 11.3  | 11.6  | +16                                |
| St. Louis, Mo.....                      | 32.7                               | 32.5   | 31.8   | 28.0   | 26.3  | 25.0  | 26.4  | 29.4  | 29.1  | 30.6  | 31.7  | - 3                                |
| Salt Lake City, Utah <sup>3</sup> ..... | 8.9                                | 9.2    | 8.7    | 8.0    | 7.0   | 6.7   | 7.4   | 7.7   | 8.3   | 8.8   | 9.1   | + 2                                |
| San Diego, Calif.....                   | 18.5                               | 18.9   | 18.9   | 19.0   | 18.6  | 18.2  | 18.8  | 19.2  | 19.7  | 20.0  | 20.3  | +10                                |
| San Francisco-Oakland, Calif.....       | 59.5                               | 60.9   | 60.0   | 58.4   | 55.2  | 53.5  | 57.7  | 58.3  | 59.8  | 61.1  | 61.6  | + 4                                |
| San Jose, Calif.....                    | 13.8                               | 14.3   | 14.4   | 14.1   | 13.1  | 12.7  | 13.6  | 14.0  | 14.5  | 15.0  | 15.5  | +12                                |
| Savannah, Ga.....                       | 5.1                                | 4.8    | 4.4    | 4.5    | 4.7   | 5.0   | 4.8   | 4.7   | 5.1   | 5.4   | 5.1   | 0                                  |
| Seattle, Wash.....                      | 16.1                               | 15.2   | 14.3   | 13.7   | 13.3  | 13.5  | 14.2  | 14.6  | 15.3  | 16.3  | 17.0  | + 6                                |
| Shreveport, La.....                     | 7.3                                | 7.1    | 6.8    | 6.4    | 6.2   | 5.7   | 6.1   | 6.3   | 6.5   | 6.7   | 6.8   | - 7                                |
| Sioux Falls, S. D.....                  | 2.0                                | 2.0    | 1.9    | 1.4    | 1.1   | 1.1   | 1.2   | 1.4   | 1.6   | 1.8   | 1.9   | - 5                                |
| South Bend, Ind.....                    | 3.0                                | 3.0    | 2.8    | 2.5    | 2.4   | 2.5   | 2.7   | 2.9   | 3.1   | 3.3   | 3.3   | +10                                |
| Spokane, Wash.....                      | 4.5                                | 4.6    | 3.8    | 3.4    | 3.1   | 2.9   | 3.5   | 4.4   | 4.9   | 5.2   | 5.3   | +18                                |
| Springfield-Holyoke, Mass.....          | 5.4                                | 5.6    | 5.5    | 5.0    | 4.3   | 4.1   | 4.4   | 5.1   | 5.9   | 6.1   | 6.4   | +19                                |
| Stamford, Conn. <sup>1</sup> .....      | 3.8                                | 3.7    | 3.6    | 3.3    | 2.9   | 2.8   | 3.0   | 3.4   | 3.6   | 3.6   | 3.6   | - 5                                |
| Syracuse, N. Y.....                     | 6.0                                | 6.7    | 6.4    | 5.6    | 4.9   | 4.3   | 4.4   | 4.9   | 5.5   | 5.8   | 5.9   | - 2                                |
| Tacoma, Wash.....                       | 4.0                                | 4.2    | 3.9    | 3.6    | 3.3   | 3.2   | 3.3   | 3.6   | 3.5   | 3.9   | 4.3   | + 8                                |
| Tampa-St. Petersburg, Fla.....          | 21.9                               | 22.1   | 21.4   | 21.8   | 21.6  | 21.8  | 21.2  | 21.2  | 22.2  | 22.4  | 23.3  | + 6                                |
| Toledo, Ohio.....                       | 10.1                               | 10.0   | 9.5    | 8.6    | 7.9   | 7.6   | 7.9   | 9.1   | 9.6   | 10.5  | 11.5  | +14                                |
| Topeka, Kans.....                       | 4.6                                | 4.4    | 3.8    | 3.3    | 3.1   | 3.0   | 3.2   | 3.4   | 3.4   | 3.4   | 3.6   | -22                                |
| Trenton, N.J.....                       | 4.3                                | 5.0    | 4.8    | 4.3    | 3.7   | 3.9   | 4.4   | 5.0   | 5.1   | 5.0   | 4.9   | +14                                |
| Tucson, Ariz.....                       | 5.6                                | 6.0    | 6.0    | 6.0    | 5.7   | 5.7   | 5.8   | 5.8   | 5.8   | 5.2   | 4.0   | -29                                |
| Tulsa, Okla.....                        | 8.1                                | 7.4    | 7.5    | 7.4    | 7.2   | 7.1   | 7.5   | 7.7   | 7.7   | 8.0   | 8.1   | 0                                  |
| Utica-Rome, N. Y.....                   | 3.4                                | 3.1    | 2.8    | 2.0    | 1.7   | 1.6   | 1.7   | 2.1   | 2.7   | 3.0   | 3.3   | - 3                                |
| Washington, D. C.....                   | 44.0                               | 44.8   | 44.1   | 42.1   | 40.9  | 40.1  | 41.8  | 43.4  | 44.3  | 45.1  | 45.4  | + 3                                |
| Waterbury, Conn. <sup>1</sup> .....     | 2.2                                | 2.2    | 2.1    | 2.0    | 1.7   | 1.6   | 1.7   | 1.9   | 2.1   | 2.2   | 2.2   | 0                                  |
| Wheeling-Steubenville, W. Va.....       | 6.4                                | 6.6    | 6.5    | 6.3    | 5.7   | 5.6   | 5.3   | 4.7   | 4.5   | 5.1   | 5.3   | -17                                |
| Wichita, Kans.....                      | 7.5                                | 7.4    | 6.8    | 6.3    | 5.7   | 5.4   | 5.9   | 5.9   | 6.2   | 6.5   | 6.6   | -12                                |
| Wilmington, Del.....                    | 10.8                               | 10.4   | 10.6   | 9.2    | 8.2   | 7.9   | 8.4   | 9.2   | 9.6   | 9.9   | 9.9   | - 8                                |
| Worcester, Mass.....                    | 2.9                                | 3.8    | 3.6    | 3.1    | 2.5   | 2.3   | 2.2   | 2.4   | 2.5   | 2.6   | 2.5   | -14                                |
| Youngstown, Ohio.....                   | 9.1                                | 9.3    | 9.2    | 7.6    | 7.4   | 7.6   | 7.8   | 8.9   | 9.7   | 10.5  | 10.7  | +18                                |

Source: State agencies in cooperation with the Department of Labor, Bureau of Labor Statistics. <sup>1</sup>Includes a small number of employees in mining. <sup>2</sup>Not available. <sup>3</sup>Data revised from January 1958. Revised statistics for months not shown here are available upon request. \*Based on the 1942 Social Security Board Classification Code. See note at beginning of Part G.

Table G-5: Contract Construction: Indexes of Aggregate Weekly Man-Hours

(1947-49=100)

| Year      | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July  | Aug.  | Sept. | Oct.  | Nov.  | Dec.  | Annual average |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| 1948..... | 89.6  | 81.3  | 86.7  | 95.0  | 102.2 | 111.9 | 115.1 | 117.3 | 116.2 | 113.3 | 106.6 | 105.4 | 103.4          |
| 1949..... | 94.2  | 88.9  | 89.2  | 95.0  | 103.1 | 106.8 | 110.5 | 114.2 | 111.5 | 111.4 | 104.4 | 94.9  | 102.0          |
| 1950..... | 84.6  | 79.5  | 83.7  | 95.8  | 106.1 | 116.7 | 122.1 | 129.5 | 126.1 | 128.9 | 123.9 | 112.7 | 109.1          |
| 1951..... | 106.4 | 99.3  | 105.4 | 116.9 | 126.4 | 131.8 | 137.7 | 141.1 | 138.5 | 139.8 | 124.2 | 121.6 | 124.1          |
| 1952..... | 111.1 | 112.3 | 108.3 | 117.5 | 125.4 | 136.8 | 138.9 | 143.2 | 144.0 | 139.9 | 128.2 | 123.9 | 127.5          |
| 1953..... | 109.1 | 108.7 | 109.1 | 115.8 | 122.6 | 130.4 | 132.0 | 137.2 | 131.7 | 136.7 | 126.7 | 117.2 | 123.1          |
| 1954..... | 95.5  | 102.8 | 106.4 | 113.5 | 120.3 | 128.0 | 131.4 | 134.0 | 128.6 | 128.6 | 123.3 | 114.4 | 118.9          |
| 1955..... | 101.4 | 98.6  | 108.4 | 115.8 | 129.8 | 137.0 | 144.0 | 144.3 | 146.6 | 138.3 | 125.6 | 121.1 | 125.9          |
| 1956..... | 108.1 | 108.5 | 109.2 | 123.6 | 136.4 | 152.6 | 151.5 | 157.1 | 155.4 | 151.1 | 137.6 | 128.9 | 135.0          |
| 1957..... | 105.6 | 112.2 | 114.8 | 122.3 | 131.9 | 141.2 | 143.2 | 145.5 | 141.3 | 137.0 | 120.2 | 112.9 | 127.3          |
| 1958..... | 102.4 | 85.9  | 98.9  | 109.1 | 122.7 | 128.1 | 132.1 | 137.9 | 136.1 | 135.3 | 123.8 | 105.7 | 118.2          |
| 1959..... | 99.7  | 92.0  | 103.7 | 119.0 | 129.2 | 138.9 | 139.9 | 146.7 |       |       |       |       |                |

Source: Department of Labor, Bureau of Labor Statistics.

Chart 15

## Hours and Earnings in Contract Construction

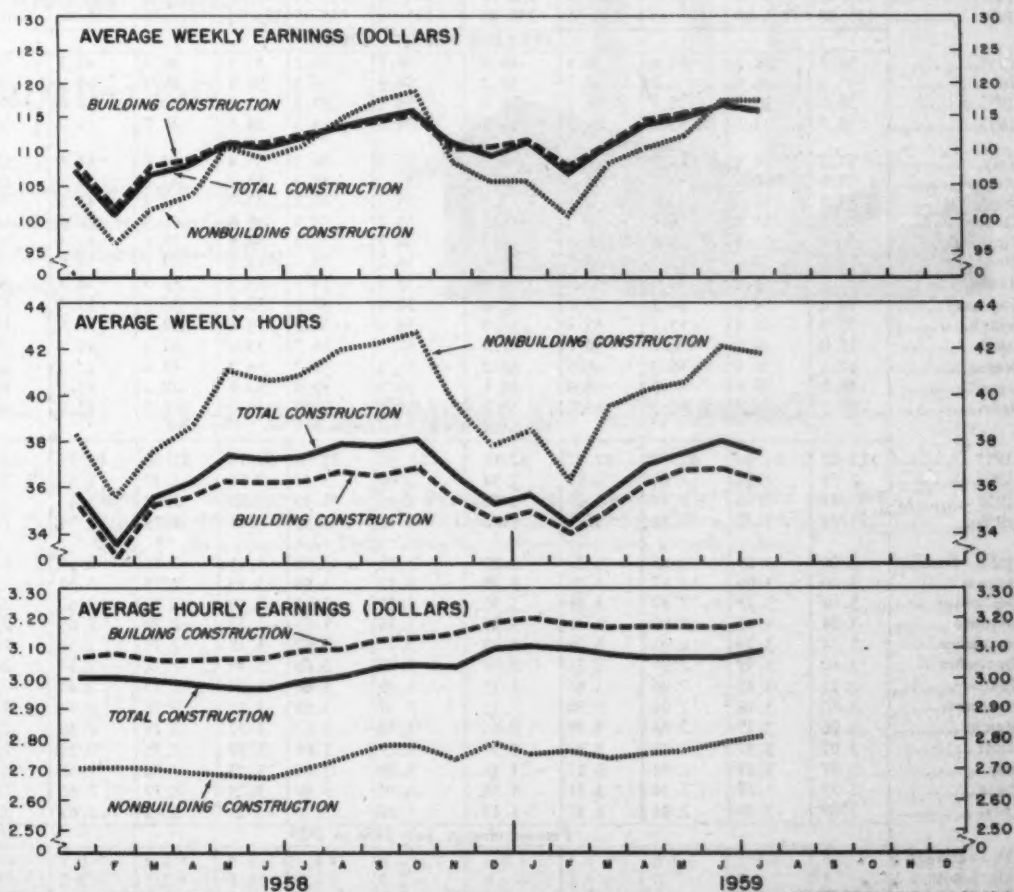


Table G-6:—Contract Construction: Hours and Gross Earnings of Construction Workers

| Period                            | All construction | Building construction    |                     |                            |                      |                         |                 |              | Nonbuilding construction |                    |                    |
|-----------------------------------|------------------|--------------------------|---------------------|----------------------------|----------------------|-------------------------|-----------------|--------------|--------------------------|--------------------|--------------------|
|                                   |                  | All building contractors | General contractors | Special trades contractors |                      |                         |                 |              | All non-building         | Highway and street | Other non-building |
|                                   |                  |                          |                     | All special trades         | Plumbing and heating | Painting and decorating | Electrical work | Other trades |                          |                    |                    |
| AVERAGE WEEKLY EARNINGS           |                  |                          |                     |                            |                      |                         |                 |              |                          |                    |                    |
| Year: 1955.....                   | \$95.94          | \$96.29                  | \$90.22             | \$100.83                   | \$106.40             | \$94.38                 | \$116.52        | \$96.21      | \$95.11                  | \$91.27            | \$98.50            |
| 1956.....                         | 101.83           | 101.92                   | 95.04               | 107.16                     | 112.31               | 99.81                   | 125.22          | 102.39       | 101.59                   | 97.63              | 104.94             |
| 1957.....                         | 106.64           | 106.86                   | 98.89               | 112.17                     | 118.87               | 103.75                  | 132.10          | 106.30       | 105.07                   | 98.66              | 110.15             |
| 1958.....                         | 110.47           | 110.67                   | 102.53              | 115.28                     | 123.23               | 107.95                  | 135.97          | 109.31       | 109.47                   | 104.14             | 114.26             |
| 1958: July.....                   | 111.90           | 112.17                   | 104.54              | 116.89                     | 124.64               | 108.42                  | 137.11          | 111.51       | 110.57                   | 106.50             | 114.51             |
| August.....                       | 113.70           | 113.40                   | 106.48              | 117.90                     | 124.97               | 110.76                  | 136.76          | 112.46       | 114.66                   | 112.31             | 116.87             |
| September.....                    | 114.91           | 114.25                   | 105.56              | 118.99                     | 126.39               | 110.25                  | 140.09          | 113.53       | 117.32                   | 114.23             | 120.07             |
| October.....                      | 115.82           | 115.18                   | 107.01              | 119.64                     | 126.39               | 110.92                  | 140.12          | 114.12       | 118.71                   | 117.04             | 120.66             |
| November.....                     | 110.66           | 111.16                   | 103.37              | 115.73                     | 121.77               | 108.73                  | 134.66          | 110.66       | 108.11                   | 102.62             | 113.59             |
| December.....                     | 109.43           | 110.37                   | 99.12               | 116.51                     | 127.59               | 109.10                  | 140.48          | 107.24       | 105.36                   | 93.98              | 114.55             |
| 1959: January.....                | 111.03           | 111.65                   | 103.01              | 116.86                     | 127.64               | 107.52                  | 139.41          | 108.54       | 105.88                   | 93.59              | 114.55             |
| February.....                     | 106.64           | 108.12                   | 100.25              | 112.20                     | 123.28               | 104.63                  | 137.58          | 102.72       | 100.19                   | 85.40              | 109.82             |
| March.....                        | 110.57           | 110.95                   | 103.19              | 115.15                     | 125.33               | 109.07                  | 138.65          | 106.88       | 108.23                   | 98.21              | 115.84             |
| April.....                        | 113.59           | 114.44                   | 106.07              | 119.13                     | 127.72               | 111.97                  | 141.64          | 112.70       | 110.28                   | 103.28             | 116.61             |
| May.....                          | 114.82           | 115.39                   | 106.36              | 120.82                     | 129.12               | 113.60                  | 141.64          | 115.31       | 112.06                   | 106.55             | 118.00             |
| June.....                         | 116.66           | 116.66                   | 108.19              | 121.81                     | 128.78               | 114.52                  | 143.91          | 116.28       | 117.46                   | 113.88             | 120.77             |
| July.....                         | 115.88           | 115.80                   | 107.45              | 120.55                     | 130.99               | 115.96                  | 143.19          | 113.05       | 117.46                   | 115.08             | 119.69             |
| AVERAGE WEEKLY HOURS              |                  |                          |                     |                            |                      |                         |                 |              |                          |                    |                    |
| Year: 1955.....                   | 36.9             | 36.2                     | 35.8                | 36.4                       | 38.0                 | 34.7                    | 39.1            | 35.5         | 40.3                     | 41.3               | 39.4               |
| 1956.....                         | 37.3             | 36.4                     | 36.0                | 36.7                       | 38.2                 | 34.9                    | 39.5            | 35.8         | 40.8                     | 41.9               | 39.9               |
| 1957.....                         | 36.9             | 36.1                     | 35.7                | 36.3                       | 38.1                 | 34.7                    | 39.2            | 35.2         | 39.8                     | 40.6               | 39.2               |
| 1958.....                         | 36.7             | 35.7                     | 35.6                | 35.8                       | 37.8                 | 34.6                    | 38.3            | 34.6         | 40.1                     | 41.0               | 39.4               |
| 1958: July.....                   | 37.3             | 36.3                     | 36.3                | 36.3                       | 38.0                 | 35.2                    | 38.3            | 35.4         | 40.8                     | 41.6               | 39.9               |
| August.....                       | 37.9             | 36.7                     | 37.1                | 36.5                       | 38.1                 | 35.5                    | 38.2            | 35.7         | 42.0                     | 43.7               | 40.3               |
| September.....                    | 37.8             | 36.5                     | 36.4                | 36.5                       | 38.3                 | 35.0                    | 38.7            | 35.7         | 42.2                     | 43.6               | 40.7               |
| October.....                      | 38.1             | 36.8                     | 36.9                | 36.7                       | 38.3                 | 35.1                    | 38.6            | 36.0         | 42.7                     | 44.5               | 40.9               |
| November.....                     | 36.4             | 35.4                     | 35.4                | 35.5                       | 36.9                 | 34.3                    | 37.2            | 34.8         | 39.6                     | 40.4               | 38.9               |
| December.....                     | 35.3             | 34.6                     | 33.6                | 35.2                       | 38.2                 | 34.2                    | 38.7            | 33.2         | 37.9                     | 37.0               | 38.7               |
| 1959: January.....                | 35.7             | 35.0                     | 34.8                | 35.2                       | 38.1                 | 33.6                    | 38.3            | 33.5         | 38.5                     | 38.2               | 38.7               |
| February.....                     | 34.4             | 34.0                     | 34.1                | 34.0                       | 36.8                 | 32.8                    | 37.9            | 32.0         | 36.3                     | 35.0               | 37.1               |
| March.....                        | 35.9             | 35.0                     | 35.1                | 35.0                       | 37.3                 | 34.3                    | 38.3            | 33.4         | 39.5                     | 39.6               | 39.4               |
| April.....                        | 37.0             | 36.1                     | 36.2                | 36.1                       | 37.9                 | 35.1                    | 38.7            | 35.0         | 40.1                     | 40.5               | 39.8               |
| May.....                          | 37.4             | 36.4                     | 36.3                | 36.5                       | 38.2                 | 35.5                    | 38.7            | 35.7         | 40.6                     | 41.3               | 40.0               |
| June.....                         | 38.0             | 36.8                     | 36.8                | 36.8                       | 38.1                 | 35.9                    | 39.0            | 36.0         | 42.1                     | 43.3               | 40.8               |
| July.....                         | 37.5             | 36.3                     | 36.3                | 36.2                       | 38.3                 | 35.9                    | 38.7            | 35.0         | 41.8                     | 43.1               | 40.3               |
| AVERAGE HOURLY EARNINGS           |                  |                          |                     |                            |                      |                         |                 |              |                          |                    |                    |
| Year: 1955.....                   | \$2.60           | \$2.66                   | \$2.52              | \$2.77                     | \$2.80               | \$2.72                  | \$2.98          | \$2.71       | \$2.36                   | \$2.21             | \$2.50             |
| 1956.....                         | 2.73             | 2.80                     | 2.64                | 2.92                       | 2.94                 | 2.86                    | 3.17            | 2.86         | 2.49                     | 2.33               | 2.63               |
| 1957.....                         | 2.89             | 2.96                     | 2.77                | 3.09                       | 3.12                 | 2.99                    | 3.37            | 3.02         | 2.64                     | 2.43               | 2.81               |
| 1958.....                         | 3.01             | 3.10                     | 2.88                | 3.22                       | 3.26                 | 3.12                    | 3.55            | 3.15         | 2.73                     | 2.54               | 2.90               |
| 1958: July.....                   | 3.00             | 3.09                     | 2.88                | 3.22                       | 3.28                 | 3.08                    | 3.58            | 3.15         | 2.71                     | 2.56               | 2.87               |
| August.....                       | 3.00             | 3.09                     | 2.87                | 3.23                       | 3.28                 | 3.12                    | 3.58            | 3.15         | 2.73                     | 2.57               | 2.90               |
| September.....                    | 3.04             | 3.13                     | 2.90                | 3.26                       | 3.30                 | 3.15                    | 3.62            | 3.18         | 2.78                     | 2.62               | 2.95               |
| October.....                      | 3.04             | 3.13                     | 2.90                | 3.26                       | 3.30                 | 3.16                    | 3.63            | 3.17         | 2.78                     | 2.63               | 2.95               |
| November.....                     | 3.04             | 3.14                     | 2.92                | 3.26                       | 3.30                 | 3.17                    | 3.62            | 3.18         | 2.73                     | 2.54               | 2.92               |
| December.....                     | 3.10             | 3.19                     | 2.96                | 3.31                       | 3.34                 | 3.19                    | 3.63            | 3.23         | 2.78                     | 2.54               | 2.96               |
| 1959: January.....                | 3.11             | 3.19                     | 2.96                | 3.32                       | 3.35                 | 3.20                    | 3.64            | 3.24         | 2.75                     | 2.45               | 2.96               |
| February.....                     | 3.10             | 3.18                     | 2.94                | 3.30                       | 3.35                 | 3.19                    | 3.63            | 3.21         | 2.76                     | 2.44               | 2.96               |
| March.....                        | 3.08             | 3.17                     | 2.94                | 3.29                       | 3.36                 | 3.18                    | 3.62            | 3.20         | 2.74                     | 2.48               | 2.94               |
| April.....                        | 3.07             | 3.17                     | 2.93                | 3.30                       | 3.37                 | 3.19                    | 3.66            | 3.22         | 2.75                     | 2.55               | 2.93               |
| May.....                          | 3.07             | 3.17                     | 2.93                | 3.31                       | 3.38                 | 3.20                    | 3.66            | 3.23         | 2.76                     | 2.58               | 2.95               |
| June.....                         | 3.07             | 3.17                     | 2.94                | 3.31                       | 3.38                 | 3.19                    | 3.69            | 3.23         | 2.79                     | 2.63               | 2.96               |
| July.....                         | 3.09             | 3.19                     | 2.96                | 3.33                       | 3.42                 | 3.23                    | 3.70            | 3.23         | 2.81                     | 2.67               | 2.97               |
| Percent change, July 1958 to 1959 |                  |                          |                     |                            |                      |                         |                 |              |                          |                    |                    |
| Avg. wkly. earnings ..            | + 3.6            | + 3.2                    | + 2.8               | + 3.1                      | + 5.1                | + 7.0                   | + 4.4           | + 1.4        | + 6.2                    | + 8.1              | + 4.5              |
| Avg. wkly. hours.....             | + .5             | 0                        | 0                   | - .3                       | + .8                 | + 2.0                   | + 1.0           | - 1.1        | + 2.5                    | + 3.6              | + 1.0              |
| Avg. hrly. earnings....           | + 3.0            | + 3.2                    | + 2.8               | + 3.4                      | + 4.3                | + 4.9                   | + 3.4           | + 2.5        | + 3.7                    | + 4.3              | + 3.5              |

Source: Department of Labor, Bureau of Labor Statistics.

(NOTE: Table G-7, Registered Apprentices in the Building Trades, is published on a semiannual basis, as data become available.)



*Why not keep up to date?*



## **BUSINESS SERVICE CHECKLIST**

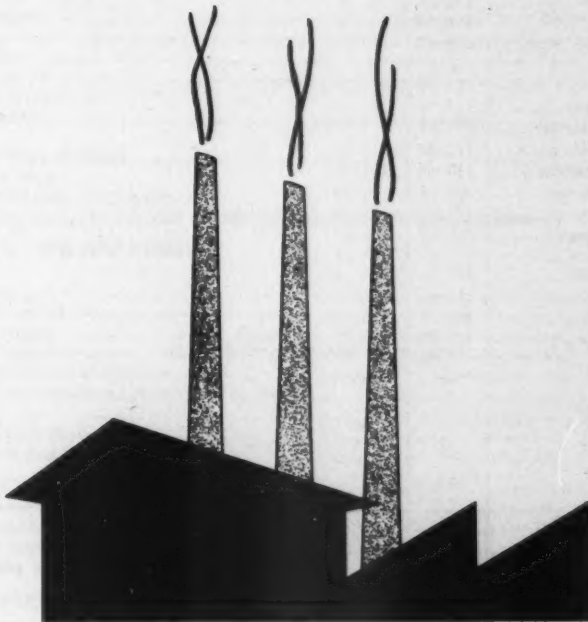
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